

Using the Cost of Production Database 2013

To search for specific crops in the database use the FIND & Select tool in Excel

* Denotes that the item has been discounted/depreciated

CW = Contracted Work or Task Work

MD = Man Days

The cover page contains hyperlinks that allow for easy selection of parishes

Each page is configured with a homepage, back and forward hyperlink



Cost of Production Estimates 2013

PARISHES

[Clarendon](#)

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PLEASE NOTE:

All COP estimates are given per kilogram of where otherwise stated (NOT IN POUNDS).

The line item "Transportation" in the COP estimates accounts only for the delivery of goods and services to the farm NOT the delivery of produce to the market.

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

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

Summary of Results

Parish	Extension Area	Crop	COP \$/Kg	COP \$/lb
Clarendon	Chapleton	PUMPKIN (BODLES GLOBE)	20	9
Clarendon	Chapleton	CABBAGE	30	14
Clarendon	Chapleton	GUNGO PEA	90	41
Clarendon	Chapleton	SORREL (BASHMENT)	157	71
Clarendon	Chapleton	RENTA YAM	47	21
Clarendon	May Pen	SCOTCH BONNET PEPPER	92	42
Clarendon	May Pen	PUMPKIN (BODLES GLOBE)	31	14
Clarendon	May Pen	SWEET POTATO	19	8
Clarendon	May Pen	HOT PEPPER (WI RED)	74	34
Clarendon	Kellits	CABBAGE	40	18
Clarendon	Kellits	SWEET POTATO	24	11
Clarendon	Kellits	LETTUCE	27	12
Clarendon	Kellits	CARROT	47	22
Clarendon	Kellits	YELLOW YAM	43	20
Clarendon	Mocho	TOMATO (PLUMMY)	37	17
Clarendon	Mocho	SCOTCH BONNET PEPPER	56	25
Clarendon	Mocho	PUMPKIN (NATIVE)	29	13
Clarendon	Mocho	SWEET POTATO	24	11
Clarendon	Mocho	CABBAGE	24	11
Clarendon	Mocho	SWEET PEPPER	65	29
Hanover	Green Island	CABBAGE	40	18
Hanover	Green Island	HORSE PLANTAIN	73	33
Hanover	Green Island	SCOTCH BONNET PEPPER	107	49
Hanover	Cascade	YELLOW YAM	64	29
Hanover	Cascade	TOMATO (SLICING)	46	21
Hanover	Cascade	HOT PEPPER (WI RED)	63	29
Hanover	Cascade	HORSE PLANTAIN	29	13
Hanover	Lucea	HOT PEPPER (WI RED)	100	45
Hanover	Lucea	SCOTCH BONNET PEPPER	118	54
Hanover	Lucea	HORSE PLANTAIN	77	35
Hanover	Lucea	YELLOW YAM	65	29
Hanover	Hopewell	HOT PEPPER (WI RED)	96	44
Hanover	Hopewell	SWEET PEPPER	130	59
Hanover	Hopewell	CABBAGE	47	21
Portland	Manchioneal	YELLOW YAM	36	16
Portland	Manchioneal	GINGER	67	30
Portland	Manchioneal	HORSE PLANTAIN	49	22
Portland	Manchioneal	SWEET POTATO	26	12
Portland	Manchioneal	DASHEEN	52	24
Portland	Windsor	DASHEEN	25	11
Portland	Windsor	GINGER	77	35
Portland	Windsor	CALLALOO	27	12
Portland	Windsor	HOT PEPPER (WI RED)	62	28
Portland	Windsor	PUMPKIN (NATIVE)	40	18
Portland	Caenwood	SWEET CORN	72	33
Portland	Caenwood	GUNGO PEA	214	97
Portland	Caenwood	PUMPKIN (BODLES GLOBE)	50	23
Portland	Caenwood	HORSE PLANTAIN	24	11
Portland	Kildare	CARROT	32	15
Portland	Kildare	PUMPKIN (BODLES GLOBE)	21	10
Portland	Kildare	HORSE PLANTAIN	22	10
Portland	Kildare	RED PEA	252	115
Portland	Port Antonio	CALLALOO	40	18

Portland	Port Antonio	HORSE PLANTAIN	40	18
Portland	Port Antonio	PAK CHOI	23	11
Portland	Port Antonio	PUMPKIN (BODLES GLOBE)	53	24
Portland	Fruitful Vale	PUMPKIN (BODLES GLOBE)	22	10
Portland	Fruitful Vale	DASHEEN	18	8
Portland	Fruitful Vale	HORSE PLANTAIN	23	11
Portland	Fruitful Vale	CARROT	57	26
Portland	Fruitful Vale	COCO	32	15
St. Elizabeth	Ginger Hill	PINEAPPLE MD2	44	20
St. Elizabeth	Ginger Hill	PINEAPPLE (COW BOY)	39	18
St. Elizabeth	Ginger Hill	PAW-PAW	30	14
St. Elizabeth	New Market	DASHEEN	43	20
St. Elizabeth	New Market	CABBAGE	26	12
St. Elizabeth	New Market	PEANUT (per bushel)	1179	
St. Elizabeth	New Market	IRISH POTATO	64	29
St. Elizabeth	New Market	CARROT	51	23
St. Elizabeth	New Market	SWEET POTATO	29	13
St. Elizabeth	Ipswich	HOT PEPPER (WI RED)	62	28
St. Elizabeth	Ipswich	DASHEEN	30	14
St. Elizabeth	Ipswich	COCO	32	15
St. Elizabeth	Ipswich	IRISH POTATO	52	24
St. Elizabeth	Ipswich	CARROT	40	18
St. Elizabeth	Ipswich	CABBAGE	32	15
St. Elizabeth	Ipswich	SWEET POTATO	43	20
St. Elizabeth	Pedro Plain	ONION	83	38
St. Elizabeth	Pedro Plain	BETROOT	56	25
St. Elizabeth	Pedro Plain	CANTALOUPE	55	25
St. Elizabeth	Pedro Plain	WATERMELON	54	25
St. Elizabeth	Pedro Plain	CUCUMBER	81	37
St. Elizabeth	Braes River	PUMPKIN (BODLES GLOBE)	33	15
St. Elizabeth	Braes River	DASHEEN	28	13
St. Elizabeth	Braes River	HOT PEPPER (WI RED)	77	35
St. Elizabeth	Braes River	PEANUT (per bushel)	1529	
St. Elizabeth	Malvern	IRISH POTATO	62	28
St. Elizabeth	Malvern	CARROT	40	18
St. Elizabeth	Malvern	CABBAGE	68	31
St. Elizabeth	Malvern	SWEET POTATO	42	19
St. Elizabeth	Lacovia	HOT PEPPER (WI RED)	65	29
St. Elizabeth	Lacovia	PEANUT (per bushel)	1850	
St. Elizabeth	Lacovia	PAW-PAW	43	19
St. Elizabeth	Lacovia	SWEET POTATO	30	14
St. Elizabeth	Santa Cruz	RED PEA	243	110
St. Elizabeth	Santa Cruz	GUNGO PEA	421	191
St. Elizabeth	Santa Cruz	PEANUT (per bushel)	1857	
St. Elizabeth	Southfield	CARROT	31	14
St. Elizabeth	Southfield	BROCCOLI	36	16
St. Elizabeth	Southfield	SWEET PEPPER	54	24
St. Elizabeth	Southfield	SWEET POTATO	29	13
St. Elizabeth	Southfield	TOMATO (SLICING)	35	16
St. Andrew	Mavis Bank	SNOW PEAS	113	51
St. Andrew	Mavis Bank	BROCCOLI	71	32
St. Andrew	Mavis Bank	CABBAGE	61	28
St. Andrew	Mavis Bank	TOMATO (SLICING)	42	19
St. Andrew	Mavis Bank	TOMATO (PLUMMY)	34	15
St. Ann	Cave Valley	IRISH POTATO	53	24
St. Ann	Cave Valley	CABBAGE	29	13
St. Ann	Cave Valley	CARROT	76	34
St. Ann	Cave Valley	GINGER	21	10

St. Ann	Cave Valley	YELLOW YAM	36	16
St. Ann	Alexandria	CABBAGE	34	16
St. Ann	Alexandria	LETTUCE	46	21
St. Ann	Alexandria	PAK CHOI	49	22
St. Ann	St. Ann's Bay	IRISH POTATO	67	30
St. Ann	St. Ann's Bay	CARROT	53	24
St. Ann	St. Ann's Bay	CABBAGE	30	13
St. Ann	St. Ann's Bay	DASHEEN	57	26
St. Ann	St. Ann's Bay	ONION	104	47
St. Ann	Moneague	CABBAGE	55	25
St. Ann	Moneague	SCOTCH BONNET PEPPER	97	44
St. Ann	Moneague	HOT PEPPER (WI RED)	72	33
St. Ann	Moneague	TOMATO (PLUMMY)	46	21
St. Ann	Brown's Town	ORDINARY CORN (\$/ per dozen)	279	
St. Ann	Brown's Town	CARROT	62	28
St. Ann	Brown's Town	SWEET POTATO	49	22
St. Ann	Brown's Town	CABBAGE	47	21
St. Catherine	Linstead	SCOTCH BONNET PEPPER	64	29
St. Catherine	Linstead	SWEET CASSAVA	31	14
St. Catherine	Linstead	PINEAPPLE (SUGAR LOAF)	34	15
St. Catherine	Linstead	SWEET PEPPER	45	20
St. Catherine	Linstead	CALLALOO	37	17
St. Catherine	Lluidas Vale	CABBAGE	25	11
St. Catherine	Lluidas Vale	PUMPKIN (BODLES GLOBE)	17	8
St. Catherine	Lluidas Vale	YELLOW YAM	24	11
St. Catherine	Lluidas Vale	SORREL (BASHMENT)	143	65
St. Catherine	Lluidas Vale	SCOTCH BONNET PEPPER	71	32
St. Catherine	Lluidas Vale	NEGRO YAM	46	21
St. Catherine	Old Harbour	CUCUMBER	56	25
St. Catherine	Old Harbour	PUMPKIN (BODLES GLOBE)	20	9
St. Catherine	Old Harbour	CALLALOO	31	14
St. Catherine	Old Harbour	HOT PEPPER (WI RED)	72	33
St. Catherine	Old Harbour	OKRA	71	32
St. Catherine	Guy's Hill	TOMATO (SLICING)	30	14
St. Catherine	Guy's Hill	CABBAGE	20	9
St. Catherine	Guy's Hill	IRISH POTATO	31	14
St. Catherine	Guy's Hill	DASHEEN	28	13
St. Catherine	Guy's Hill	YELLOW YAM	38	17
St. Catherine	Spanish Town	PUMPKIN (BODLES GLOBE)	30	13
St. Catherine	Spanish Town	OKRA	50	23
St. Catherine	Spanish Town	HOT PEPPER (WI RED)	51	23
St. James	Maroon Town	SORREL (BASHMENT)	274	125
St. James	Maroon Town	GINGER	48	22
St. James	Maroon Town	LUCEA YAM	50	23
St. James	Maroon Town	TOMATO (PLUMMY)	50	23
St. James	Anchovy	CALLALOO	27	12
St. James	Anchovy	PAK CHOI	18	8
St. James	Anchovy	LETTUCE	32	15
St. James	Anchovy	PINEAPPLE (RIPLEY)	34	16
St. James	Spring Mount	SCOTCH BONNET PEPPER	88	40
St. James	Spring Mount	PINEAPPLE (COW BOY)	55	25
St. James	Catadupa	PINEAPPLE (COW BOY)	59	27
St. James	Catadupa	PAW-PAW	28	13
St. Mary	Highgate	CABBAGE	29	13
St. Mary	Highgate	CARROT	84	38
St. Mary	Highgate	PUMPKIN (BODLES GLOBE)	22	10
St. Mary	Highgate	TOMATO (PLUMMY)	78	36
St. Mary	Highgate	HOT PEPPER (WI RED)	64	29

St. Mary	Carron hall	IRISH POTATO	55	25
St. Mary	Carron hall	CABBAGE	34	15
St. Mary	Carron hall	SWEET PEPPER	70	32
St. Mary	Carron hall	RED PEA	100	45
St. Mary	Carron hall	TOMATO (SLICING)	47	21
St. Mary	Carron hall	SWEET POTATO	31	14
St. Mary	Gayle	CABBAGE	26	12
St. Mary	Gayle	IRISH POTATO	62	28
St. Mary	Gayle	SWEET POTATO	43	19
St. Mary	Gayle	PUMPKIN (BODLES GLOBE)	35	16
St. Mary	Gayle	TOMATO (PLUMMY)	56	25
St. Mary	Annotto Bay	HORSE PLANTAIN	29	13
St. Mary	Annotto Bay	PAW-PAW	28	13
St. Mary	Annotto Bay	PUMPKIN (BODLES GLOBE)	30	14
St. Mary	Annotto Bay	HOT PEPPER (WI RED)	80	37
St. Mary	Oracabessa	CABBAGE	28	13
St. Mary	Oracabessa	WATERMELON	27	12
St. Mary	Oracabessa	SWEET PEPPER	40	18
St. Mary	Oracabessa	PUMPKIN (BODLES GLOBE)	39	18
St. Mary	Oracabessa	TOMATO (SLICING)	40	18
St. Thomas	Trinityville	CALLALOO	43	20
St. Thomas	Trinityville	CABBAGE	25	11
St. Thomas	Trinityville	CARROT	56	25
St. Thomas	Trinityville	SCOTCH BONNET PEPPER	90	41
St. Thomas	Yallahs	CUCUMBER	42	19
St. Thomas	Yallahs	TOMATO (PLUMMY)	52	23
St. Thomas	Yallahs	OKRA	39	18
St. Thomas	Yallahs	SWEET PEPPER	94	43
St. Thomas	Cedar valley	CARROT	52	23
St. Thomas	Cedar valley	CABBAGE	35	16
St. Thomas	Cedar valley	STRING BEAN	205	93
St. Thomas	Cedar valley	GUNGO PEA	387	176
St. Thomas	Seaforth	TOMATO (SLICING)	30	13
St. Thomas	Seaforth	CUCUMBER	29	13
St. Thomas	Seaforth	SWEET POTATO	30	14
St. Thomas	Seaforth	PUMPKIN (BODLES GLOBE)	23	11
St. Thomas	Seaforth	CALLALOO	48	22
St. Thomas	Seaforth	SORREL (BASHMENT)	277	126
St. Thomas	Seaforth	GUNGO PEA	115	52
Manchester	Christiana	IRISH POTATO	79	36
Manchester	Christiana	GINGER	59	27
Manchester	New Forest	CABBAGE	33	15
Manchester	New Forest	SWEET POTATO	24	11
Manchester	New Forest	CARROT	38	17
Manchester	New Forest	IRISH POTATO	50	23
Manchester	Mile Gully	SWEET POTATO	13	6
Manchester	Mile Gully	YELLOW YAM	41	19
Manchester	Mile Gully	COCO	40	18
Manchester	New Forest	WATERMELON	42	19
Manchester	New Forest	ESCALLION	109	49
Manchester	New Forest	THYME	97	44
Manchester	Cross Keys	SCOTCH BONNET PEPPER	113	51
Manchester	Cross Keys	CABBAGE	28	13
Manchester	Cross Keys	TOMATO (SLICING)	37	17
Manchester	Cross Keys	CARROT	63	29
Manchester	Cross Keys	SWEET POTATO	47	21
Manchester	Cross Keys	SWEET PEPPER	81	37
Manchester	Cross Keys	TOMATO (PLUMMY)	44	20

Trelawny	Falmouth	ONION	71	32
Trelawny	Falmouth	SCOTCH BONNET PEPPER	96	44
Trelawny	Falmouth	CARROT	72	33
Trelawny	Jackson Town	HYBRID CORN	82	37
Trelawny	Jackson Town	SWEET POTATO	37	17
Trelawny	Jackson Town	YELLOW YAM	58	26
Trelawny	Lowe River	YELLOW YAM	53	24
Trelawny	Lowe River	NEGRO YAM	52	24
Trelawny	Lowe River	CARROT	56	26
Trelawny	Lowe River	CABBAGE	31	14
Trelawny	Albert Town	YELLOW YAM	74	34
Trelawny	Albert Town	NEGRO YAM	68	31
Trelawny	Albert Town	LUCEA YAM	68	31
Trelawny	Albert Town	IRISH POTATO	83	38
Westmoreland	Little London	TOMATO (SLICING)	48	22
Westmoreland	Little London	DASHEEN	33	15
Westmoreland	Little London	CUCUMBER	30	14
Westmoreland	Little London	SWEET PEPPER	47	21
Westmoreland	Little London	CABBAGE	33	15
Westmoreland	Darliston	CABBAGE	65	30
Westmoreland	Darliston	HOT PEPPER (WI RED)	73	33
Westmoreland	Darliston	PUMPKIN (NATIVE)	20	9
Westmoreland	Darliston	IRISH POTATO	65	30
Westmoreland	New Works	CARROT	49	22
Westmoreland	New Works	CABBAGE	24	11
Westmoreland	New Works	PUMPKIN (NATIVE)	26	12
Westmoreland	New Works	TOMATO (SLICING)	62	28
Westmoreland	New Works	CUCUMBER	44	20
Westmoreland	New Works	SWEET POTATO	41	19
Westmoreland	New Works	IRISH POTATO	72	33
Westmoreland	Savanna-la-mar	DASHEEN	61	28
Westmoreland	Savanna-la-mar	HOT PEPPER (WI RED)	58	26
Westmoreland	Savanna-la-mar	OKRA	63	29
Westmoreland	Savanna-la-mar	SCOTCH BONNET PEPPER	79	36

CLARENDON

Back	Home	Forward
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Parish	Clarendon
Extension Area	Chapleton
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4.5 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$20

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Dig Holes	CW	6	2500	15000
Planting	MD	1	1500	1500
Pest Management	MD	10	1500	15000
Weeding	MD	15	1500	22500
Fertilising	MD	1	1500	1500
Harvesting	MD	22	1500	33000

Lunch	51	300	15300
SUBTOTAL			<u><u>\$106,800</u></u>

Material Inputs			
Planting Material			500
Fertiliser			7500
Insecticide			13000
Fungicide			5000
Herbicide			1250

SUBTOTAL			<u><u>\$27,250</u></u>
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Other Costs			
Transportation (10 percent of material)			\$2,725.0
Contingencies (10 percent of labour and material)			13405
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			20108
SUBTOTAL			<u><u>\$48,238</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$182,288</u></u>

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

CLARENDON

Parish	Clarendon
Extension Area	Chapleton
Crop	GUNGO PEA
Crop Maturity	9 Months
Reaping Period	2 Years (not continuous)
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,273
Cost of Production \$/Kg	\$90

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	8	2500	20000
Dig Holes	CW	8	2500	20000
Maintain Trench	MD	3	1500	4500
Planting	MD	7	1500	10500
Pest Management	MD	2	1500	3000
Weeding	MD	12	1500	18000
Harvesting (excluding shelling)	MD	35	1500	52500

Lunch	59	300	17700
SUBTOTAL			<u>\$146,200</u>

Material Inputs			
Planting Material			1500
Insecticide			5000

SUBTOTAL			<u>\$6,500</u>
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Other Costs			
Transportation (10 percent of material)			650
Contingencies (10 percent of labour and material)			15270
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			22905
SUBTOTAL			<u>\$50,825</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$203,525</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Chapleton
Crop	RENTA YAM
Crop Maturity	12 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	150cm x 240cm
Planting Density @ 0.4 hectare	700
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	3	1200	3600
Make Mounds	CW	27	2500	67500
Maintain Trench	MD	4	1500	6000
Planting	MD	2	1500	3000
Stake and Tie	MD	18	1500	27000
Pest Management	MD	2	1500	3000
Fertilising	MD	1	1500	1500
Harvesting	MD	30	1500	45000

Lunch	57	300	17100
SUBTOTAL			<u>\$173,700</u>

Material Inputs			
*Planting Material (5 yr depr.)			60000
*Stakes (5 yr depr.)			35000
Fertiliser			12000
Insecticide			3500
Fungicide			2500
Herbicide			3500

SUBTOTAL			<u>\$116,500</u>
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Other Costs			
Transportation (10 percent of material)			11650
Contingencies (10 percent of labour and material)			29020
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			43530
SUBTOTAL			<u>\$96,200</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$386,400</u>

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

CLARENDON

Parish	Clarendon
Extension Area	May Pen
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	240cm x 150cm
Planting Density @ 0.4 hectare	1089
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Planting	MD	2	1500	3000
Lining Irrigation Hose	MD	2	1500	3000
Pest Management	MD	6	1500	9000
Weeding	MD	1	1500	1500
Fertilising	MD	2	1500	3000
Harvesting	MD	6	1500	9000

Lunch	22	300	6600
SUBTOTAL			<u>\$57,100</u>

Material Inputs			
Planting Material			2500
Water			4000
Fertiliser			22000
Insecticide			10000
Fungicide			5000
Herbicide			1000

SUBTOTAL			<u>\$44,500</u>
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Other Costs			
Transportation (10 percent of material)			4450
Contingencies (10 percent of labour and material)			10160
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			15240
SUBTOTAL			<u>\$66,850</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$168,450</u>

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

CLARENDON

Parish	Clarendon
Extension Area	May Pen
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	30cm x 150cm
Planting Density @ 0.4 hectare	8712
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$74

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	2	2500	5000
Planting	MD	4	1500	6000
Lining Irrigation Hose	MD	2	1500	3000
Pest Management	MD	20	1500	30000
Weeding	CW	24	2500	60000
Fertilising	MD	5	1500	7500
Harvesting	MD	88	1500	132000

Lunch	125	300	37500
SUBTOTAL			<u><u>\$305,000</u></u>

Material Inputs			
Planting Material			96000
Water			12000
Fertiliser			170000
Insecticide			80000
Fungicide			80000
Herbicide			2200

SUBTOTAL			<u><u>\$440,200</u></u>
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Other Costs			
Transportation (10 percent of material)			44020
Contingencies (10 percent of labour and material)			74520
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			111780
SUBTOTAL			<u><u>\$267,320</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$1,012,520</u></u>

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

CLARENDON

Parish	Clarendon
Extension Area	Kellits
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	20	1500	30000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	3	1500	4500
Planting	MD	8	1500	12000
Pest Management	MD	5	1500	7500
Weeding	MD	3	2500	7500
Harvesting	MD	10	1500	15000

Lunch	65	300	19500
SUBTOTAL			<u>\$120,000</u>

Material Inputs			
*Planting Material (5yr depr.)			8000
Fertiliser			22000
Insecticide			5000

SUBTOTAL			<u>\$35,000</u>
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Other Costs			
Transportation (10 percent of material)			3500
Contingencies (10 percent of labour and material)			15500
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			23250
SUBTOTAL			<u>\$59,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$214,250</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Kellits
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	CW	20	2500	50000
Harrowing	CW	10	1500	15000
Maintain Trench	MD	4	1500	6000
Planting	MD	2	1500	3000
Pest Management	MD	4	1500	6000
Weeding	MD	4	2500	10000
Fertilising	MD	2	1500	3000
Harvesting	MD	18	1500	27000

Lunch	44	300	13200
SUBTOTAL			<u>\$148,200</u>

Material Inputs			
Planting Material			13500
Fertiliser			16500
Fungicide			3600
Herbicide			8000

SUBTOTAL			<u>\$41,600</u>
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Other Costs			
Transportation (10 percent of material)			4160
Contingencies (10 percent of labour and material)			18980
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			28470
SUBTOTAL			<u>\$68,610</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$258,410</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	60cm x 150cm
Planting Density @ 0.4 hectare	4356
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$37

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	4	1500	6000
Planting	MD	5	1500	7500
Pest Management	MD	14	1500	21000
Weeding	MD	20	1500	30000
Fertilising	MD	2	1500	3000
Harvesting	MD	30	1500	45000

Lunch	80	300	24000
SUBTOTAL			<u>\$184,000</u>

Material Inputs			
Planting Material			52272
Fertiliser			25000
Insecticide			24800
Fungicide			8000
Herbicide			1200
Water			5500

SUBTOTAL			<u>\$116,772</u>
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Other Costs			
Transportation (10 percent of material)			11677.2
Contingencies (10 percent of labour and material)			30077.2
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			45116
SUBTOTAL			<u>\$123,870</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$424,642</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	PUMPKIN (NATIVE)
Crop Maturity	3 Months
Reaping Period	5 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Planting	MD	1	1500	1500
Pest Management	MD	4	1500	6000
Weeding	MD	1	1500	1500
Fertilising	MD	1	1500	1500
Harvesting	MD	10	1500	15000

Lunch	24	300	7200
SUBTOTAL			<u>\$78,200</u>

Material Inputs			
Planting Material			650
Fertiliser			5000
Insecticide			1800
Fungicide			2000
Herbicide			1000
Water			6500

SUBTOTAL			<u>\$16,950</u>
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Other Costs			
Transportation (10 percent of material)			1695
Contingencies (10 percent of labour and material)			9515
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			14273
SUBTOTAL			<u>\$62,483</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$157,633</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	8	1500	12000
Fertilising	MD	2	1500	3000
Harvesting	MD	12	1500	18000

Lunch	44	300	13200
SUBTOTAL			<u>\$101,700</u>

Material Inputs			
Planting Material			9000
Fertiliser			20000
Insecticide			32000
Fungicide			12000
Herbicide			2750
Water			7500

SUBTOTAL			<u>\$83,250</u>
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Other Costs			
Transportation (10 percent of material)			8325
Contingencies (10 percent of labour and material)			18495
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			27743
SUBTOTAL			<u>\$91,563</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$276,513</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Chapleton
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1500	1500
Ploughing	tractor	4	2500	10000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	15	1500	22500
Pest Management	MD	9	1500	13500
Fertilising	MD	2	1500	3000
Weeding	MD	10	1500	15000
Harvesting	MD	10	1500	15000

Lunch	52	300	15600
SUBTOTAL			<u>\$103,600</u>

Material Inputs			
Planting Material			5700
Fertiliser			15000
Insecticide			24000
Herbicide			3750

SUBTOTAL			<u>\$48,450</u>
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Other Costs			
Transportation (10 percent of material)			4845
Contingencies (10 percent of labour and material)			15205
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			22808
SUBTOTAL			<u>\$54,858</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$206,908</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Chapleton
Crop	SORREL (BASHMENT)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	909
Cost of Production \$/Kg	\$157

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	3	1200	3600
Ploughing	CW	6	2500	15000
Furrowing	CW	4	1500	6000
Planting	MD	9	1500	13500
Weeding	CW	8	2500	20000
Harvesting	MD	20	1500	30000

Lunch	41	300	12300
SUBTOTAL			<u>\$100,400</u>

Material Inputs			
Planting Material			1500
Herbicide			2500

SUBTOTAL			<u>\$4,000</u>
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Other Costs			
Transportation (10 percent of material)			400
Contingencies (10 percent of labour and material)			10440
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			15660
SUBTOTAL			<u>\$38,500</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$142,900</u>

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

CLARENDON

Parish	Clarendon
Extension Area	May Pen
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	60cm x 150cm
Planting Density @ 0.4 hectare	4356
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,455
Cost of Production \$/Kg	\$92

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	6	1500	9000
Mulching	MD	6	1500	9000
Planting	MD	9	1500	13500
Pest Management	MD	40	1500	60000
Weeding	MD	6	1500	9000
Fertilising	MD	10	1500	15000
Harvesting	MD	80	1500	120000
Lunch		162	300	48600
SUBTOTAL				<u>\$324,100</u>
Material Inputs				
Planting Material				66000
Water				8000
Mulch				100000
Fertiliser				180000
Insecticide				15000
Fungicide				12000
Herbicide				1000
SUBTOTAL				<u>\$382,000</u>
Other Costs				
Transportation (10 percent of material)				38200
Contingencies (10 percent of labour and material)				70610
**Tools discounted for 5 years				27000
Land Charges per crop cycle				10000
Supervision				105915
SUBTOTAL				<u>\$251,725</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$957,825</u>

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

CLARENDON

Parish	Clarendon
Extension Area	May Pen
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,636
Cost of Production \$/Kg	\$19

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Planting	MD	6	1500	9000
Lining Irrigation Hose	MD	2	1500	3000
Pest Management	MD	4	1500	6000
Weeding	MD	8	1500	12000
Fertilising	MD	1	1500	1500
Harvesting	MD	6	1500	9000

Lunch	30	300	9000
SUBTOTAL			<u>\$71,500</u>

Material Inputs			
Planting Material			6000
Water			4000
Fertiliser			11000
Insecticide			2000
Fungicide			1000
Herbicide			1000

SUBTOTAL			<u>\$25,000</u>
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Other Costs			
Transportation (10 percent of material)			2500
Contingencies (10 percent of labour and material)			9650
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			14475
SUBTOTAL			<u>\$63,625</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$160,125</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Kellits
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	20	1500	30000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	5	1500	7500
Nursery Operations	MD	2	1500	3000
Transplanting	MD	20	1500	30000
Pest Management	MD	24	2500	60000
Fertilising	MD	2	1500	3000
Weeding	MD	15	1500	22500
Harvesting	MD	20	1500	30000

Lunch	78	300	23400
SUBTOTAL			<u>\$236,400</u>

Material Inputs			
Planting Material			8000
Fertiliser			22000
Insecticide			8000

SUBTOTAL			<u>\$38,000</u>
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Other Costs			
Transportation (10 percent of material)			3800
Contingencies (10 percent of labour and material)			27440
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			41160
SUBTOTAL			<u>\$89,400</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$363,800</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Kellits
Crop	LETTUCE
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,455
Cost of Production \$/Kg	\$27

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	20	1500	30000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	4	1500	6000
Nursery Operations	MD	8	1500	12000
Transplanting	MD	8	1500	12000
Weeding	MD	10	2500	25000
Fertilising	MD	2	1500	3000
Harvesting	MD	12	1500	18000

Lunch	80	300	24000
SUBTOTAL			<u>\$154,000</u>

Material Inputs			
Planting Material			6000
Fertiliser			30000
Insecticide			15500

SUBTOTAL			<u>\$51,500</u>
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Other Costs			
Transportation (10 percent of material)			5150
Contingencies (10 percent of labour and material)			20550
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			30825
SUBTOTAL			<u>\$73,525</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$279,025</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Kellits
Crop	YELLOW YAM
Crop Maturity	8 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	210cm x 150cm
Planting Density @ 0.4 hectare	1245
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Make Mounds	CW	25	2500	62500
Maintain Trench	CW	10	1500	15000
Planting	MD	4	1500	6000
Stake and Tie	MD	16	1500	24000
Weeding	MD	9	1500	13500
Fertilising	MD	3	2500	7500
Harvesting	MD	28	1500	42000

Lunch	70	300	21000
SUBTOTAL			<u>\$206,500</u>

Material Inputs			
*Planting Material (10 yr depr.)			13500
Fertiliser			44000

SUBTOTAL			<u>\$57,500</u>
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Other Costs			
Transportation (10 percent of material)			5750
Contingencies (10 percent of labour and material)			26400
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			39600
SUBTOTAL			<u>\$88,750</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$352,750</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	10 Months
Planting Distance in cm (l x w)	60cm x 150cm
Planting Density @ 0.4 hectare	4356
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	4	1500	6000
Planting	MD	4	1500	6000
Pest Management	MD	14	1500	21000
Weeding	MD	24	1500	36000
Fertilising	MD	8	1500	12000
Harvesting	MD	94	1500	141000

Lunch	153	300	45900
SUBTOTAL			<u>\$315,400</u>

Material Inputs			
Planting Material			52272
Fertiliser			52000
Insecticide			24800
Fungicide			8000
Herbicide			8000
Water			5500

SUBTOTAL			<u>\$150,572</u>
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Other Costs			
Transportation (10 percent of material)			15057.2
Contingencies (10 percent of labour and material)			46597.2
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			69896
SUBTOTAL			<u>\$168,550</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$634,522</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	SWEET POTATO
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	1	1500	1500
Prepare Planting Material	MD	4	1500	6000
Planting	MD	4	1500	6000
Pest Management	MD	2	1500	3000
Weeding	MD	6	1500	9000
Harvesting	MD	8	1500	12000

Lunch	30	300	9000
SUBTOTAL			<u>\$74,000</u>

Material Inputs			
*Planting Material (5yr depr.)			6000
Fertiliser			10000
Insecticide			2600
Baits			500
Herbicide			1000
Water			5000

SUBTOTAL			<u>\$25,100</u>
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Other Costs			
Transportation (10 percent of material)			2510
Contingencies (10 percent of labour and material)			9910
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			14865
SUBTOTAL			<u>\$64,285</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$163,385</u>

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

CLARENDON

Parish	Clarendon
Extension Area	Mocho
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Pest Management	MD	12	1500	18000
Fertilising	MD	3	1500	4500
Weeding	MD	22	1500	33000
Harvesting	MD	30	1500	45000

Lunch	85	300	25500
SUBTOTAL			<u>\$175,500</u>

Material Inputs			
Planting Material			23000
Fertiliser			55000
Insecticide			40000
Fungicide			23000
Herbicide			2750
Water			7500
Seed Trays			8000

SUBTOTAL			<u>\$159,250</u>
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Other Costs			
Transportation (10 percent of material)			15925
Contingencies (10 percent of labour and material)			33475
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			50213
SUBTOTAL			<u>\$136,613</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$471,363</u>

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

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Parish	Hanover
Extension Area	Green Island
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	CW	13	2500	32500
Maintain Trench	MD	6	1500	9000
Lining Irrigation Hose	MD	5	1500	7500
Nursery Operations	MD	4	1500	6000
Transplanting	MD	14	1500	21000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	3	1500	4500
Harvesting	MD	14	1500	21000

Lunch	74	300	22200
SUBTOTAL			<u>\$165,700</u>

Material Inputs			
Planting Material			28000
Fertiliser			22000
Insecticide			15000
Fungicide			5000
Herbicide			1200
Water			7500
Seed Trays			8000

SUBTOTAL			<u>\$86,700</u>
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Other Costs			
Transportation (10 percent of material)			8670
Contingencies (10 percent of labour and material)			25240
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			37860
SUBTOTAL			<u>\$108,770</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$361,170</u>

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

HANOVER

Parish	Hanover
Extension Area	Green Island
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	90cm x 150cm
Planting Density @ 0.4 hectare	2904
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,909
Cost of Production \$/Kg	\$107

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	10	2500	25000
Dig Holes	CW	15	2500	37500
Maintain Trench	MD	6	1500	9000
Planting	MD	5	1500	7500
Pest Management	MD	22	1500	33000
Weeding	CW	28	2000	56000
Fertilising	MD	4	1500	6000
Harvesting	MD	60	1500	90000

Lunch	107	300	<u>32100</u>
SUBTOTAL			<u><u>\$296,100</u></u>

Material Inputs			
Planting Material			45000
Fertiliser			72000
Insecticide			35000
Fungicide			12000
Herbicide			2500

SUBTOTAL			<u><u>\$166,500</u></u>
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Other Costs			
Transportation (10 percent of material)			16650
Contingencies (10 percent of labour and material)			46260
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			69390
SUBTOTAL			<u><u>\$169,300</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$631,900</u></u>

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

HANOVER

Parish	Hanover
Extension Area	Cascade
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	8	1500	12000
Maintain Trench	MD	5	1500	7500
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Stake and Tie	MD	8	1500	12000
Pest Management	MD	8	1500	12000
Weeding	MD	12	1500	18000
Fertilising	MD	4	1500	6000
Harvesting	MD	32	1500	48000

Lunch	102	450	45900
SUBTOTAL			<u>\$198,900</u>

Material Inputs			
Planting Material			5500
Fertiliser			15000
Insecticide			15000
Fungicide			5000
Herbicide			3800
Seed Trays			5000
Stakes			8000
Water			8000

SUBTOTAL			<u>\$65,300</u>
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Other Costs			
Transportation (10 percent of material)			6530
Contingencies (10 percent of labour and material)			26420
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			39630
SUBTOTAL			<u>\$109,580</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$373,780</u>

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

HANOVER

Parish	Hanover
Extension Area	Cascade
Crop	HORSE PLANTAIN
Crop Maturity	12 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,045
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Dig Holes	MD	15	1500	22500
Maintain Trench	MD	8	1500	12000
Planting	MD	3	1500	4500
Weeding	MD	4	1500	6000
Fertilising	MD	4	1500	6000
Pruning	MD	3	1500	4500
Pest Management	MD	3	1500	4500
Harvesting	MD	4	1500	6000

Lunch	47	450	21150
SUBTOTAL			<u>\$91,650</u>

Material Inputs			
*Planting Material (5 yr depr.)			8200
Fertiliser			35000
Insecticide			7500
Herbicide			2400

SUBTOTAL			<u>\$53,100</u>
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Other Costs			
Transportation (10 percent of material)			5310
Contingencies (10 percent of labour and material)			14475
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			21713
SUBTOTAL			<u>\$58,498</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$203,248</u>

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

HANOVER

Parish	Hanover
Extension Area	Luca
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	9.5 Months
Planting Distance in cm (l x w)	150cm x 90cm
Planting Density @ 0.4 hectare	2904
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$118

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Dig Holes	MD	24	1500	36000
Harrowing	MD	8	1500	12000
Maintain Trench	MD	4	1500	6000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	5	1500	7500
Pest Management	MD	65	1500	97500
Weeding	MD	32	1500	48000
Fertilising	MD	12	1500	18000
Harvesting	MD	108	1500	162000

Lunch	277	450	124650
SUBTOTAL			<u>\$540,150</u>

Material Inputs			
Planting Material			3500
Fertiliser			66000
Insecticide			22000
Fungicide			26000
Herbicide			4800

SUBTOTAL			<u>\$122,300</u>
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Other Costs			
Transportation (10 percent of material)			12230
Contingencies (10 percent of labour and material)			66245
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			99368
SUBTOTAL			<u>\$194,843</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$857,293</u>

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

HANOVER

Parish	Hanover
Extension Area	Lucea
Crop	YELLOW YAM
Crop Maturity	7.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 210cm
Planting Density @ 0.4 hectare	1245
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	25	1500	37500
Make Mounds	CW	22	2500	55000
Maintain Trench	MD	7	1500	10500
Prepare Planting Material	MD	2	1500	3000
Planting	MD	2	1500	3000
Weeding	MD	12	1500	18000
Fertilising	MD	2	1500	3000
Harvesting	MD	30	1500	45000

Lunch	80	450	36000
SUBTOTAL			<u>\$211,000</u>

Material Inputs			
*Planting Material (5 yr depr.)			25000
Fertiliser			28400

SUBTOTAL			<u>\$53,400</u>
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Other Costs			
Transportation (10 percent of material)			5340
Contingencies (10 percent of labour and material)			26440
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			39660
SUBTOTAL			<u>\$88,440</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$352,840</u>

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

HANOVER

Parish	Hanover
Extension Area	Hopewell
Crop	SWEET PEPPER
Crop Maturity	4 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,409
Cost of Production \$/Kg	\$130

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	CW	27	2500	67500
Maintain Trench	MD	7	1500	10500
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Weeding	MD	20	1500	30000
Pest Management	MD	12	1500	18000
Fertilising	MD	4	1500	6000
Harvesting	MD	22	1500	33000

Lunch	90	450	40500
SUBTOTAL			<u>\$243,000</u>

Material Inputs			
Planting Material			6000
Fertiliser			42000
Insecticide			13000
Fungicide			26000
Herbicide			3500

SUBTOTAL			<u>\$90,500</u>
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Other Costs			
Transportation (10 percent of material)			9050
Contingencies (10 percent of labour and material)			33350
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			50025
SUBTOTAL			<u>\$109,425</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$442,925</u>

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

HANOVER

Parish	Hanover
Extension Area	Green Island
Crop	HORSE PLANTAIN
Crop Maturity	8 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$73

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	7	2500	17500
Dig Holes	MD	10	1500	15000
Maintain Trench	MD	5	1500	7500
Planting	MD	1	1500	1500
Weeding	MD	3	1500	4500
Fertilising	MD	2	1500	3000
Harrowing	MD	10	1500	15000
Harvesting	MD	24	1500	36000

Lunch	60	300	18000
SUBTOTAL			<u>\$125,500</u>

Material Inputs			
*Planting Material (5 yr depr.)			8600
Fertiliser			30600
Herbicide			15000

SUBTOTAL			<u>\$54,200</u>
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Other Costs			
Transportation (10 percent of material)			5420
Contingencies (10 percent of labour and material)			17970
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			26955
SUBTOTAL			<u>\$87,345</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$267,045</u>

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

HANOVER

Parish	Hanover
Extension Area	Cascade
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	120cm x 180cm
Planting Density @ 0.4 hectare	1815
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$64

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	10	2500	25000
Make Mounds	MD	20	1500	30000
Maintain Trench	MD	6	1500	9000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	4	1500	6000
Stake and Tie	MD	30	1500	45000
Weeding	CW	20	2500	50000
Fertilising	MD	2	1500	3000
Harvesting	MD	25	1500	37500

Lunch	89	450	40050
SUBTOTAL			<u>\$248,550</u>
Material Inputs			
*Planting Material (5 yr depr.)			20000
Fertiliser			45000

SUBTOTAL			<u>\$65,000</u>
Other Costs			
Transportation (10 percent of material)			6500
Contingencies (10 percent of labour and material)			31355
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			47033
SUBTOTAL			<u>\$121,888</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$435,438</u>

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

HANOVER

Parish	Hanover
Extension Area	Cascade
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	9 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$63

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Dig Holes	MD	20	1500	30000
Maintain Trench	MD	8	1500	12000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	26	1500	39000
Weeding	MD	42	1500	63000
Fertilising	MD	4	1500	6000
Harvesting	MD	108	1500	162000

Lunch	233	450	104850
SUBTOTAL			<u>\$454,350</u>

Material Inputs			
Planting Material			10000
Fertiliser			42000
Insecticide			25000
Fungicide			15000
Herbicide			2200
Seed Trays			2200

SUBTOTAL			<u>\$96,400</u>
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Other Costs			
Transportation (10 percent of material)			9640
Contingencies (10 percent of labour and material)			55075
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			82613
SUBTOTAL			<u>\$164,328</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$715,078</u>

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

HANOVER

Parish	Hanover
Extension Area	Lucea
Crop	HOT PEPPER (WI RED)
Crop Maturity	4 Months
Reaping Period	10.5 Months
Planting Distance in cm (l x w)	150cm x 90cm
Planting Density @ 0.4 hectare	2904
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$100

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	11	2500	27500
Ploughing	tractor	6	2500	15000
Harrowing	CW	15	1200	18000
Lining Irrigation Hose	MD	2	1500	3000
Maintain Trench	MD	2	1500	3000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	12	1500	18000
Pest Management	MD	46	1500	69000
Weeding	MD	38	1500	57000
Fertilising	MD	13	1500	19500
Harvesting	MD	120	1500	180000

Lunch	235	450	105750
SUBTOTAL			<u>\$518,750</u>

Material Inputs			
Planting Material			2800
Fertiliser			30000
Insecticide			21000
Fungicide			18000
Herbicide			4000
Water			15000
Seed Trays			5000
Potting Mixture			1600

SUBTOTAL			<u>\$97,400</u>
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Other Costs			
Transportation (10 percent of material)			9740
Contingencies (10 percent of labour and material)			61615
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			92423
SUBTOTAL			<u>\$200,778</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$816,928</u>

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

HANOVER

Parish	Hanover
Extension Area	Luca
Crop	HORSE PLANTAIN
Crop Maturity	9 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	270cm x 210cm
Planting Density @ 0.4 hectare	538
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,091
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	MD	9	1500	13500
Maintain Trench	MD	5	1500	7500
Planting	MD	6	1500	9000
Pest Management	MD	7	1500	10500
Weeding	MD	12	1500	18000
Fertilising	MD	9	1500	13500
Harvesting	MD	30	1500	45000

Lunch	88	450	39600
SUBTOTAL			<u>\$171,600</u>

Material Inputs			
*Planting Material (5 yr depr.)			4500
Fertiliser			40500
Insecticide			1000
Fungicide			11000
Herbicide			4000

SUBTOTAL			<u>\$61,000</u>
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Other Costs			
Transportation (10 percent of material)			6100
Contingencies (10 percent of labour and material)			23260
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			34890
SUBTOTAL			<u>\$81,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$313,850</u>

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

HANOVER

Parish	Hanover
Extension Area	Hopewell
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,136
Cost of Production \$/Kg	\$96

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	CW	23	2500	57500
Maintain Trench	MD	7	1500	10500
Nursery Operations	MD	5	1500	7500
Transplanting	MD	6	1500	9000
Weeding	MD	25	1500	37500
Pest Management	MD	30	1500	45000
Fertilising	MD	6	1500	9000
Harvesting	MD	78	1500	117000

Lunch	91	450	40950
SUBTOTAL			<u>\$351,950</u>

Material Inputs			
Planting Material			7000
Fertiliser			35000
Insecticide			28000
Fungicide			22000
Herbicide			8000

SUBTOTAL			<u>\$100,000</u>
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Other Costs			
Transportation (10 percent of material)			10000
Contingencies (10 percent of labour and material)			45195
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			67793
SUBTOTAL			<u>\$139,988</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$591,938</u>

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

HANOVER

Parish	Hanover
Extension Area	Hopewell
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Dig Holes	CW	30	1800	54000
Maintain Trench	MD	7	1500	10500
Nursery Operations	MD	5	1500	7500
Transplanting	MD	20	1500	30000
Weeding	MD	8	1500	12000
Pest Management	MD	9	1500	13500
Fertilising	MD	4	1500	6000
Harvesting	MD	15	1500	22500

Lunch	83	450	37350
SUBTOTAL			<u>\$215,850</u>

Material Inputs			
Planting Material			13000
Fertiliser			23000
Insecticide			19500
Fungicide			15000
Herbicide			4500

SUBTOTAL			<u>\$75,000</u>
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Other Costs			
Transportation (10 percent of material)			7500
Contingencies (10 percent of labour and material)			29085
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			43628
SUBTOTAL			<u>\$92,213</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$383,063</u>

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

PORTLAND

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Parish	Portland
Extension Area	Manchioneal
Crop	YELLOW YAM
Crop Maturity	8 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	210cm x 150cm
Planting Density @ 0.4 hectare	1245
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$36

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Make Mounds	MD	14	1500	21000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	4	1500	6000
Stake and Tie	MD	32	1500	48000
Weeding	MD	6	1500	9000
Fertilising	MD	4	1500	6000
Harvesting	MD	25	1500	37500

Lunch	92	300	27600
SUBTOTAL			<u>\$165,600</u>

Material Inputs			
*Planting Material (10 yr depr.)			17000
Fertiliser			23000
Insecticide			2500
Fungicide			2700
Herbicide			2600
Stakes			30000

SUBTOTAL			<u>\$77,800</u>
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Other Costs			
Transportation (10 percent of material)			7780
Contingencies (10 percent of labour and material)			24340
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			36510
SUBTOTAL			<u>\$80,630</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$324,030</u>

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

PORTLAND

Parish	Portland
Extension Area	Manchioneal
Crop	HORSE PLANTAIN
Crop Maturity	8 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,773
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	12	1500	18000
Maintain Trench	MD	8	1500	12000
Prepare Planting Material	MD	4	1500	6000
Pruning	MD	6	1500	9000
Pest Management	MD	6	1500	9000
Weeding	MD	4	1500	6000
Fertilising	MD	2	1500	3000
Harvesting	MD	13	1500	19500

Lunch	59	300	17700
SUBTOTAL			<u>\$106,200</u>

Material Inputs			
*Planting Material (5 yr depr.)			6000
Fertiliser			35000
Insecticide			14000
Fungicide			8500
Herbicide			1150
Cord			750

SUBTOTAL			<u>\$65,400</u>
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Other Costs			
Transportation (10 percent of material)			6540
Contingencies (10 percent of labour and material)			17160
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			25740
SUBTOTAL			<u>\$61,440</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$233,040</u>

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

PORTLAND

Parish	Portland
Extension Area	Manchioneal
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	150cm x 150cm
Planting Density @ 0.4 hectare	1742
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,091
Cost of Production \$/Kg	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	5	2000	10000
Dig Holes	CW	14	2000	28000
Maintain Trench	MD	6	1500	9000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	4	1500	6000
Pest Management	MD	4	1500	6000
Weeding	MD	6	1500	9000
Fertilising	MD	2	1500	3000
Harvesting	MD	15	1500	22500

Lunch	44	300	13200
SUBTOTAL			<u>\$109,700</u>

Material Inputs			
*Planting Material (5 yr depr.)			3700
Fertiliser			35000
Insecticide			4500
Herbicide			4000

SUBTOTAL			<u>\$47,200</u>
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Other Costs			
Transportation (10 percent of material)			4720
Contingencies (10 percent of labour and material)			15690
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			23535
SUBTOTAL			<u>\$55,945</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$212,845</u>

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

PORTLAND

Parish	Portland
Extension Area	Windsor
Crop	GINGER
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,091
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Dig Holes	MD	16	1500	24000
Maintain Trench	MD	2	1500	3000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	8	1500	12000
Pest Management	MD	6	1500	9000
Weeding	MD	25	1500	37500
Fertilising	MD	6	1500	9000
Harvesting	MD	27	1500	40500

Lunch	100	300	30000
SUBTOTAL			<u>\$180,000</u>

Material Inputs			
*Planting Material (5 yr depr.)			32000
Fertiliser			16000
Insecticide			6500
Herbicide			2600

SUBTOTAL			<u>\$57,100</u>
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Other Costs			
Transportation (10 percent of material)			5710
Contingencies (10 percent of labour and material)			23710
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			35565
SUBTOTAL			<u>\$76,985</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$314,085</u>

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

PORTLAND

Parish	Portland
Extension Area	Windsor
Crop	HOT PEPPER (WI RED)
Crop Maturity	4 Months
Reaping Period	12 Months
Planting Distance in cm (l x w)	90cm x 150cm
Planting Density @ 0.4 hectare	2904
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,000
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	13	2000	26000
Ploughing	tractor	6	2500	15000
Furrowing	tractor	2	2500	5000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	5	1500	7500
Pest Management	MD	25	1500	37500
Weeding	MD	30	1500	45000
Fertilising	MD	10	1500	15000
Harvesting	MD	75	1500	112500

Lunch	149	300	44700
SUBTOTAL			<u>\$314,200</u>

Material Inputs			
Planting Material			400
Fertiliser			90000
Insecticide			44000
Fungicide			16000
Herbicide			2600
Potting Mixture			3000

SUBTOTAL			<u>\$156,000</u>
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Other Costs			
Transportation (10 percent of material)			15600
Contingencies (10 percent of labour and material)			47020
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			70530
SUBTOTAL			<u>\$145,150</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$615,350</u>

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

PORTLAND

Parish	Portland
Extension Area	Caenwood
Crop	SWEET CORN
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 45cm
Planting Density @ 0.4 hectare	17424
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,727
Cost of Production \$/Kg	\$72

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1500	13500
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	1	1500	1500
Planting	MD	6	1500	9000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	5	1500	7500
Harvesting	MD	15	1500	22500

Lunch	54	300	16200
SUBTOTAL			<u>\$122,200</u>

Material Inputs			
Planting Material			2500
Fertiliser			11000
Insecticide			7500
Herbicide			4700

SUBTOTAL			<u>\$25,700</u>
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Other Costs			
Transportation (10 percent of material)			2570
Contingencies (10 percent of labour and material)			14790
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			22185
SUBTOTAL			<u>\$49,045</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$196,945</u>

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

PORTLAND

Parish	Portland
Extension Area	Caenwood
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	120cm x 120cm
Planting Density @ 0.4 hectare	2723
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1500	13500
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	4	1500	6000
Pest Management	MD	8	1500	12000
Weeding	MD	1	1500	1500
Fertilising	MD	2	1500	3000
Harvesting	MD	24	1500	36000

Lunch	52	300	15600
SUBTOTAL			<u>\$118,600</u>

Material Inputs			
Planting Material			6000
Fertiliser			18000
Insecticide			13000
Fungicide			3600
Herbicide			97000
Potting Mixture			2500
Seed Trays			1800
Water			29000

SUBTOTAL			<u>\$170,900</u>
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Other Costs			
Transportation (10 percent of material)			17090
Contingencies (10 percent of labour and material)			28950
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			43425
SUBTOTAL			<u>\$121,465</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$410,965</u>

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

PORTLAND

Parish	Portland
Extension Area	Kildare
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	27	1500	40500
Planting	MD	1	1500	1500
Weeding	MD	12	1500	18000
Fertilising	MD	3	1500	4500
Harvesting	MD	30	1500	45000

Lunch	81	300	24300
SUBTOTAL			<u>\$145,800</u>

Material Inputs			
Planting Material			3000
Fertiliser			9000
Herbicide			6800

SUBTOTAL			<u>\$18,800</u>
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Other Costs			
Transportation (10 percent of material)			1880
Contingencies (10 percent of labour and material)			16460
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			24690
SUBTOTAL			<u>\$55,030</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$219,630</u>

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

PORTLAND

Parish	Portland
Extension Area	Kildare
Crop	HORSE PLANTAIN
Crop Maturity	11 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	240cm x 150cm
Planting Density @ 0.4 hectare	1089
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$22

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Planting	MD	2	1500	3000
Pest Management	MD	4	1500	6000
Fertilising	MD	6	1500	9000
Harvesting	MD	6	1500	9000

Lunch	20	300	6000
SUBTOTAL			<u>\$56,000</u>

Material Inputs			
*Planting Material (5 yr depr.)			7000
Fertiliser			15000
Insecticide			4500
Herbicide			1100

SUBTOTAL			<u>\$27,600</u>
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Other Costs			
Transportation (10 percent of material)			2760
Contingencies (10 percent of labour and material)			8360
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			12540
SUBTOTAL			<u>\$35,660</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$119,260</u>

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

PORTLAND

Parish	Portland
Extension Area	Port Antonio
Crop	CALLALOO
Crop Maturity	1.5 Months
Reaping Period	3.5 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,000
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	24	1500	36000
Furrowing	MD	24	1500	36000
Dig Holes	MD	2	1500	3000
Maintain Trench	MD	10	1500	15000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	7	1500	10500
Pest Management	MD	10	1500	15000
Weeding	MD	30	1500	45000
Fertilising	MD	6	1500	9000
Harvesting	MD	36	1500	54000

Lunch	151	300	45300
SUBTOTAL			<u><u>\$271,800</u></u>

Material Inputs			
Planting Material			250
Fertiliser			25000
Insecticide			7500
Fungicide			6500

SUBTOTAL			<u><u>\$39,250</u></u>
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Other Costs			
Transportation (10 percent of material)			3925
Contingencies (10 percent of labour and material)			31105
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			46658
SUBTOTAL			<u><u>\$93,688</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$404,738</u></u>

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

PORTLAND

Parish	Portland
Extension Area	Port Antonio
Crop	PAK CHOI
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,591
Cost of Production \$/Kg	\$23

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	MD	12	1500	18000
Furrowing	MD	20	1500	30000
Maintain Trench	MD	6	1500	9000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	30	1500	45000
Pest Management	MD	6	1500	9000
Fertilising	MD	1	1500	1500
Harvesting	MD	13	1500	19500

Lunch	95	300	28500
SUBTOTAL			<u>\$171,000</u>

Material Inputs			
Planting Material			600
Fertiliser			20000
Insecticide			7500
Fungicide			3500
Herbicide			3000

SUBTOTAL			<u>\$34,600</u>
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Other Costs			
Transportation (10 percent of material)			3460
Contingencies (10 percent of labour and material)			20560
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2000
Supervision			30840
SUBTOTAL			<u>\$63,860</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$269,460</u>

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

PORTLAND

Parish	Portland
Extension Area	Fruitful Vale
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3.5 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$22

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	3	1500	4500
Planting	MD	3	1500	4500
Weeding	MD	4	1500	6000
Fertilising	MD	1	1500	1500
Pest Management	MD	3	1500	4500
Harvesting	MD	10	1500	15000

Lunch	28	300	8400
SUBTOTAL			<u>\$50,400</u>

Material Inputs			
Planting Material			3000
Fertiliser			12000
Insecticide			2000
Herbicide			3000

SUBTOTAL			<u>\$20,000</u>
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Other Costs			
Transportation (10 percent of material)			2000
Contingencies (10 percent of labour and material)			7040
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			10560
SUBTOTAL			<u>\$29,100</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$99,500</u>

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

PORTLAND

Parish	Portland
Extension Area	Fruitful Vale
Crop	HORSE PLANTAIN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,000
Cost of Production \$/Kg	\$23

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Dig Holes	MD	12	1500	18000
Prepare Planting Material	MD	2	1500	3000
Maintain Trench	MD	4	1500	6000
Planting	MD	4	1500	6000
Pest Management	MD	1	1500	1500
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	4	1500	6000

Lunch		37	300	11100
SUBTOTAL				<u>\$66,600</u>

Material Inputs				
*Planting Material (5 yr depr.)				3000
Fertiliser				20000
Insecticide				7000
Herbicide				3300

SUBTOTAL				<u>\$33,300</u>
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Other Costs				
Transportation (10 percent of material)				3330
Contingencies (10 percent of labour and material)				9990
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				14985
SUBTOTAL				<u>\$40,305</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$140,205</u>

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

PORTLAND

Parish	Portland
Extension Area	Fruitful Vale
Crop	COCO
Crop Maturity	7 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	75cm x 75cm
Planting Density @ 0.4 hectare	6970
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,027
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Dig Holes	MD	20	1500	30000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	11	1500	16500
Weeding	MD	5	1500	7500
Fertilising	MD	2	1500	3000
Harvesting	MD	5	1500	7500

Lunch	52	300	15600
SUBTOTAL			<u>\$93,600</u>

Material Inputs

*Planting Material (5 yr depr.)	3000
Herbicide	1950
Fertiliser	18500

SUBTOTAL	<u>\$23,450</u>
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Other Costs

Transportation (10 percent of material)	2345
Contingencies (10 percent of labour and material)	11705
**Tools discounted for 5 years	7000
Land Charges per crop cycle	5000
Supervision	17558
SUBTOTAL	<u>\$43,608</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	<u>\$160,658</u>

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

PORTLAND

Parish	Portland
Extension Area	Manchioneal
Crop	GINGER
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$67

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Furrowing	tractor	6	2500	15000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	20	1500	30000
Pest Management	MD	13	1500	19500
Weeding	MD	14	1500	21000
Fertilising	MD	5	1500	7500
Harvesting	MD	18	1500	27000

Lunch	76	300	22800
SUBTOTAL			<u>\$169,300</u>

Material Inputs			
*Planting Material (5 yr depr.)			30000
Fertiliser			32000
Insecticide			23000
Fungicide			17000
Herbicide			3300

SUBTOTAL			<u>\$105,300</u>
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Other Costs			
Transportation (10 percent of material)			10530
Contingencies (10 percent of labour and material)			27460
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			41190
SUBTOTAL			<u>\$91,180</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$365,780</u>

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

PORTLAND

Parish	Portland
Extension Area	Manchioneal
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,409
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	tractor	5	2500	12500
Harrowing	tractor	2	2500	5000
Prepare Planting Material	MD	6	1500	9000
Planting	MD	12	1500	18000
Weeding	MD	18	1500	27000
Fertilising	MD	4	1500	6000
Harvesting	MD	24	1500	36000

Lunch	70	300	21000
SUBTOTAL			<u>\$143,500</u>
Material Inputs			
*Planting Material (5 yr depr.)			3600
Fertiliser			18400

SUBTOTAL			<u>\$22,000</u>
Other Costs			
Transportation (10 percent of material)			2200
Contingencies (10 percent of labour and material)			16550
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			24825
SUBTOTAL			<u>\$53,075</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$218,575</u>

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

PORTLAND

Parish	Portland
Extension Area	Windsor
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,500
Cost of Production \$/Kg	\$25

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	5	1600	8000
Dig Holes	CW	16	1600	25600
Maintain Trench	MD	4	1500	6000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	7	1500	10500
Pest Management	MD	9	1500	13500
Weeding	MD	9	1500	13500
Fertilising	MD	1	1500	1500
Harvesting	MD	20	1500	30000

Lunch	52	300	15600
SUBTOTAL			<u>\$127,200</u>

Material Inputs			
*Planting Material (5 yr depr.)			5000
Fertiliser			15000
Insecticide			9900
Herbicide			1800

SUBTOTAL			<u>\$31,700</u>
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Other Costs			
Transportation (10 percent of material)			3170
Contingencies (10 percent of labour and material)			15890
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			23835
SUBTOTAL			<u>\$54,895</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$213,795</u>

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

PORTLAND

Parish	Portland
Extension Area	Windsor
Crop	CALLALOO
Crop Maturity	2.5 Months
Reaping Period	4.5 Months
Planting Distance in cm (l x w)	90cm x 30cm
Planting Density @ 0.4 hectare	14520
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	12,727
Cost of Production \$/Kg	\$27

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	4	2000	8000
Ploughing	tractor	6	2500	15000
Furrowing	tractor	3	2500	7500
Nursery Operations	MD	3	1500	4500
Transplanting	MD	5	1500	7500
Pest Management	MD	16	1500	24000
Weeding	MD	30	1500	45000
Fertilising	MD	3	1500	4500
Harvesting	MD	36	1500	54000

Lunch	93	300	27900
SUBTOTAL			<u>\$197,900</u>

Material Inputs			
Planting Material			400
Fertiliser			47000
Insecticide			7500
Fungicide			4000
Herbicide			1300

SUBTOTAL			<u>\$60,200</u>
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Other Costs			
Transportation (10 percent of material)			6020
Contingencies (10 percent of labour and material)			25810
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			38715
SUBTOTAL			<u>\$82,545</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$340,645</u>

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

PORTLAND

Parish	Portland
Extension Area	Windsor
Crop	PUMPKIN (NATIVE)
Crop Maturity	3 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	180cm x 180cm
Planting Density @ 0.4 hectare	1210
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,727
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	2	1500	3000
Maintain Trench	MD	2	1500	3000
Planting	MD	1	1500	1500
Pest Management	MD	6	1500	9000
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	10	1500	15000

Lunch	29	300	8700
SUBTOTAL			<u>\$52,200</u>

Material Inputs			
Planting Material			600
Fertiliser			15000
Insecticide			7500
Herbicide			1300

SUBTOTAL			<u>\$24,400</u>
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Other Costs			
Transportation (10 percent of material)			2440
Contingencies (10 percent of labour and material)			7660
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			11490
SUBTOTAL			<u>\$33,590</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$110,190</u>

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

PORTLAND

Parish	Portland
Extension Area	Caenwood
Crop	GUNGO PEA
Crop Maturity	9 Months
Reaping Period	2 Years
Planting Distance in cm (l x w)	120cm x 120cm
Planting Density @ 0.4 hectare	2723
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	1,591
Cost of Production \$/Kg	\$214

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1500	13500
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	1	1500	1500
Planting	MD	4	1500	6000
Pest Management	MD	6	1500	9000
Weeding	MD	1	1500	1500
Fertilising	MD	5	1500	7500
Harvesting	MD	60	1500	90000

Lunch	86	300	25800
SUBTOTAL			<u>\$179,800</u>

Material Inputs			
Planting Material			3500
Fertiliser			35000
Herbicide			900
Water			25000

SUBTOTAL			<u>\$64,400</u>
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Other Costs			
Transportation (10 percent of material)			6440
Contingencies (10 percent of labour and material)			24420
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			36630
SUBTOTAL			<u>\$96,990</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$341,190</u>

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

PORTLAND

Parish	Portland
Extension Area	Caenwood
Crop	HORSE PLANTAIN
Crop Maturity	11 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	CW	10	1500	15000
Prepare Planting Material	MD	4	1500	6000
Planting	MD	4	1500	6000
Weeding	MD	3	1500	4500
Fertilising	MD	4	1500	6000
Harvesting	MD	20	1500	30000

Lunch	47	300	14100
SUBTOTAL			<u>\$99,600</u>

Material Inputs			
*Planting Material (5yr depr.)			7000
Fertiliser			8000
Insecticide			2400
Herbicide			3300

SUBTOTAL			<u>\$20,700</u>
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Other Costs			
Transportation (10 percent of material)			2070
Contingencies (10 percent of labour and material)			12030
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			18045
SUBTOTAL			<u>\$44,145</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$164,445</u>

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

PORTLAND

Parish	Portland
Extension Area	Kildare
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	240cm x 150cm
Planting Density @ 0.4 hectare	1089
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$21

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	1500	6000
Dig Holes/Plant	MD	3	1500	4500
Weeding	MD	13	1500	19500
Fertilising	MD	2	1500	3000
Pest Management	MD	15	1500	22500
Harvesting	MD	20	1500	30000

Lunch	55	300	16500
SUBTOTAL			<u>\$115,000</u>

Material Inputs			
Planting Material			3000
Fertiliser			18000
Insecticide			16200
Fungicide			22000
Herbicide			4600

SUBTOTAL			<u>\$63,800</u>
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Other Costs			
Transportation (10 percent of material)			6380
Contingencies (10 percent of labour and material)			17880
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			26820
SUBTOTAL			<u>\$63,080</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$241,880</u>

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

PORTLAND

Parish	Portland
Extension Area	Kildare
Crop	RED PEA
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	909
Cost of Production \$/Kg	\$252

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	12	1500	18000
Harrowing	MD	8	1500	12000
Furrowing	MD	8	2500	20000
Planting	MD	24	1500	36000
Pest Management	MD	2	1500	3000
Fertilising	MD	1	1500	1500
Weeding	MD	6	1500	9000
Harvesting	MD	8	1500	12000

Lunch	79	300	23700
SUBTOTAL			<u>\$150,200</u>

Material Inputs			
Planting Material			2000
Fertiliser			15000
Insecticide			3500
Herbicide			1200

SUBTOTAL			<u>\$21,700</u>
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Other Costs			
Transportation (10 percent of material)			2170
Contingencies (10 percent of labour and material)			17190
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			25785
SUBTOTAL			<u>\$57,145</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$229,045</u>

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

PORTLAND

Parish	Portland
Extension Area	Port Antonio
Crop	HORSE PLANTAIN
Crop Maturity	12 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	180cm x 240cm
Planting Density @ 0.4 hectare	908
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,136
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	MD	20	1500	30000
Dig Holes	MD	11	1500	16500
Maintain Trench	MD	6	1500	9000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	6	1500	9000
Pest Management	MD	12	1500	18000
Weeding	MD	12	1500	18000
Fertilising	MD	1	1500	1500
Harvesting	MD	14	1500	21000

Lunch	89	300	26700
SUBTOTAL			<u>\$160,200</u>

Material Inputs			
*Planting Material (5 yr depr.)			6400
Fertiliser			11000
Insecticide			3500
Fungicide			1000
Herbicide			2000

SUBTOTAL			<u>\$23,900</u>
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Other Costs			
Transportation (10 percent of material)			2390
Contingencies (10 percent of labour and material)			18410
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			27615
SUBTOTAL			<u>\$60,415</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$244,515</u>

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

PORTLAND

Parish	Portland
Extension Area	Port Antonio
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,273
Cost of Production \$/Kg	\$53

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	10	1500	15000
Make Mounds	MD	2	1500	3000
Maintain Trench	MD	4	1500	6000
Planting	MD	1	1500	1500
Pest Management	MD	12	1500	18000
Weeding	MD	1	1500	1500
Fertilising	MD	1	1500	1500
Harvesting	MD	4	1500	6000

Lunch	39	300	11700
SUBTOTAL			<u><u>\$70,200</u></u>

Material Inputs			
Planting Material			3000
Fertiliser			7500
Insecticide			3500
Herbicide			3000

SUBTOTAL			<u><u>\$17,000</u></u>
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Other Costs			
Transportation (10 percent of material)			1700
Contingencies (10 percent of labour and material)			8720
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			13080
SUBTOTAL			<u><u>\$33,000</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$120,200</u></u>

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

PORTLAND

Parish	Portland
Extension Area	Fruitful Vale
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 60cm
Planting Density @ 0.4 hectare	7260
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$18

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	10	1500	15000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	5	1500	7500
Weeding	MD	3	1500	4500
Harvesting	MD	3	1500	4500
Harvesting	MD	10	1500	15000

Lunch	37	300	11100
SUBTOTAL			<u>\$66,600</u>

Material Inputs			
*Planting Material (5 yr depr.)			3000
Herbicide			1000

SUBTOTAL			<u>\$4,000</u>
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Other Costs			
Transportation (10 percent of material)			400
Contingencies (10 percent of labour and material)			7060
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			10590
SUBTOTAL			<u>\$30,050</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$100,650</u>

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

PORTLAND

Parish	Portland
Extension Area	Fruitful Vale
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,273
Cost of Production \$/Kg	\$57

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	MD	10	1500	15000
Planting	MD	2	1500	3000
Maintain Trench	MD	4	1500	6000
Planting	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	12	1500	18000

Lunch	43	300	12900
SUBTOTAL			<u>\$77,400</u>

Material Inputs			
Planting Material			1600
Fertiliser			6000
Insecticide			3700
Herbicide			5640

SUBTOTAL			<u>\$16,940</u>
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Other Costs			
Transportation (10 percent of material)			1694
Contingencies (10 percent of labour and material)			9434
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			14151
SUBTOTAL			<u>\$34,779</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$129,119</u>

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

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St. ELIZABETH

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Parish	St. Elizabeth
Extension Area	Ginger Hill
Crop	PINEAPPLE <input type="text" value="MD2"/>
Crop Maturity	11 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	120cm x 30cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,455
Cost of Production \$/Kg	\$44

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	18	1500	27000
Furrowing	MD	20	1500	30000
Maintain Trench	MD	6	1500	9000
Planting	MD	14	1500	21000
Pest Management	MD	18	1500	27000
Weeding	MD	20	1500	30000
Fertilising	MD	8	1500	12000
Harvesting	MD	50	1500	75000

Lunch	164	300	49200
SUBTOTAL			<u><u>\$295,200</u></u>

Material Inputs			
*Planting Material (10 yr depr.)			50000
Fertiliser			14500
Fungicide			15000
Herbicide			5000

SUBTOTAL			<u><u>\$84,500</u></u>
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Other Costs			
Transportation (10 percent of material)			8450
Contingencies (10 percent of labour and material)			37970
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			56955
SUBTOTAL			<u><u>\$125,375</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$505,075</u></u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ginger Hill
Crop	PAW-PAW
Crop Maturity	10 Months
Reaping Period	1 Year
Planting Distance in cm (l x w)	210cm x 210cm
Planting Density @ 0.4 hectare	889
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	18,182
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	15	1500	22500
Dig Holes	MD	4	1500	6000
Maintain Trench	MD	5	1500	7500
Planting	MD	5	1500	7500
Pest Management	CW	18	2500	45000
Weeding	MD	10	1500	15000
Fertilising	MD	12	1500	18000
Harvesting	MD	82	1500	123000

Lunch	143	300	42900
SUBTOTAL			<u><u>\$302,400</u></u>

Material Inputs			
Planting Material			22500
Fertiliser			28000
Insecticide			12500
Fungicide			24600
Herbicide			4500

SUBTOTAL			<u><u>\$92,100</u></u>
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Other Costs			
Transportation (10 percent of material)			9210
Contingencies (10 percent of labour and material)			39450
**Tools discounted for 5 years			17000
Land Charges per crop cycle			30000
Supervision			59175
SUBTOTAL			<u><u>\$154,835</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$549,335</u></u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	45cm x 45cm
Planting Density @ 0.4 hectare	19360
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	MD	10	1500	15000
Furrowing	MD	17	1500	25500
Maintain Trench	MD	4	1500	6000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	13	1500	19500
Pest Management	MD	8	1500	12000
Weeding	MD	12	1500	18000
Fertilising	MD	2	1500	3000
Harvesting	MD	14	1500	21000

Lunch	91	300	27300
SUBTOTAL			<u>\$163,800</u>

Material Inputs			
Planting Material			8000
Fertiliser			35000
Insecticide			7800
Herbicide			3500

SUBTOTAL			<u>\$54,300</u>
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Other Costs			
Transportation (10 percent of material)			5430
Contingencies (10 percent of labour and material)			21810
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			32715
SUBTOTAL			<u>\$74,455</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$292,555</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 75cm
Planting Density @ 0.4 hectare	17424
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$64

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	MD	15	1500	22500
Furrowing	MD	20	1500	30000
Maintain Trench	MD	5	1500	7500
Planting	MD	10	1500	15000
Moulding	MD	20	1500	30000
Pest Management	MD	12	1500	18000
Harvesting	MD	24	1500	36000

Lunch	108	300	32400
SUBTOTAL			<u>\$194,400</u>

Material Inputs			
Planting Material			55000
Fertiliser			45000
Insecticide			34000
Fungicide			15600
Herbicide			5500

SUBTOTAL			<u>\$155,100</u>
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Other Costs			
Transportation (10 percent of material)			15510
Contingencies (10 percent of labour and material)			34950
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			52425
SUBTOTAL			<u>\$117,385</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$466,885</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,636
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	MD	14	1500	21000
Harrowing	MD	4	1500	6000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	6	1500	9000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	8	1500	12000
Pest Management	MD	6	1500	9000
Weeding	MD	2	1500	3000
Fertilising	MD	3	1500	4500
Harvesting	MD	18	1500	27000

Lunch	78	300	23400
SUBTOTAL			<u>\$140,400</u>

Material Inputs			
*Planting Material (5 yr depr.)			5500
Fertiliser			25000
Insecticide			12000
Herbicide			4780

SUBTOTAL			<u>\$47,280</u>
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Other Costs			
Transportation (10 percent of material)			4728
Contingencies (10 percent of labour and material)			18768
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			28152
SUBTOTAL			<u>\$66,148</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$253,828</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	DASHEEN
Crop Maturity	8 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 45cm
Planting Density @ 0.4 hectare	14520
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	CW	20	1900	38000
Maintain Trench	MD	2	1500	3000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	8	1500	12000
Weeding	MD	16	1500	24000
Fertilising	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Harvesting	MD	12	1500	18000

Lunch	55	300	16500
SUBTOTAL			<u>\$137,000</u>

Material Inputs			
*Planting Material (5yr depr.)			7000
Fertiliser			26000
Insecticide			3400
Herbicide			1100

SUBTOTAL			<u>\$37,500</u>
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Other Costs			
Transportation (10 percent of material)			3750
Contingencies (10 percent of labour and material)			17450
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			26175
SUBTOTAL			<u>\$69,375</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$243,875</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 75cm
Planting Density @ 0.4 hectare	17424
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,773
Cost of Production \$/Kg	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	tractor	5	2500	12500
Harrowing	MD	8	1500	12000
Dig Holes	MD	10	1500	15000
Prepare Planting Material	MD	1	1500	1500
Mulching	MD	6	1500	9000
Fertilising	MD	4	1500	6000
Pest Management	MD	16	1500	24000
Weeding	MD	15	1500	22500
Harvesting	MD	33	1500	49500

Lunch	100	300	30000
SUBTOTAL			<u>\$192,500</u>

Material Inputs			
Planting Material			85000
Fertiliser			35000
Insecticide			12500
Fungicide			18000
Mulch			30000
Herbicide			7200

SUBTOTAL			<u>\$187,700</u>
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Other Costs			
Transportation (10 percent of material)			18770
Contingencies (10 percent of labour and material)			38020
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			57030
SUBTOTAL			<u>\$128,320</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$508,520</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	CABBAGE
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,682
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	tractor	5	2500	12500
Harrowing	tractor	3	2500	7500
Nursery Operations	MD	2	1500	3000
Transplanting	MD	20	1500	30000
Mulching	MD	4	1500	6000
Pest Management	MD	1	1500	1500
Weeding	MD	25	1500	37500
Fertilising	MD	1	1500	1500
Harvesting	MD	10	1500	15000

Lunch	73	300	21900
SUBTOTAL			<u>\$151,400</u>

Material Inputs			
Planting Material			3750
Fertiliser			38000
Insecticide			15000
Fungicide			1800
Mulch			41000
Herbicide			4400

SUBTOTAL			<u>\$103,950</u>
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Other Costs			
Transportation (10 percent of material)			10395
Contingencies (10 percent of labour and material)			25535
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			38303
SUBTOTAL			<u>\$88,733</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$344,083</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Pedro Plain
Crop	ONION
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈170000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$83

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	MD	18	1500	27000
Harrowing	MD	5	1500	7500
Mulching	MD	6	1500	9000
Planting	MD	15	1500	22500
Pest Management	MD	14	1500	21000
Weeding	MD	35	1500	52500
Fertilising	MD	2	1500	3000
Harvesting	MD	76	1500	114000

Lunch	173	300	51900
SUBTOTAL			<u>\$311,400</u>

Material Inputs			
Planting Material			4400
Fertiliser			54000
Insecticide			55000
Fungicide			35000
Herbicide			3000
Mulch			46000
Water			60000

SUBTOTAL			<u>\$257,400</u>
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Other Costs			
Transportation (10 percent of material)			25740
Contingencies (10 percent of labour and material)			56880
**Tools discounted for 5 years			7000
Land Charges per crop cycle			12500
Supervision			85320
SUBTOTAL			<u>\$187,440</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$756,240</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Pedro Plain
Crop	CANTALOUPE
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	120cm x 120cm
Planting Density @ 0.4 hectare	2723
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$55

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	16	1500	24000
Harrowing	MD	5	1500	7500
Mulching	MD	8	1500	12000
Planting	MD	4	1500	6000
Pest Management	MD	13	1500	19500
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	6	1500	9000

Lunch	68	300	20400
SUBTOTAL			<u>\$122,400</u>

Material Inputs			
Planting Material			15600
Fertiliser			14000
Insecticide			18000
Fungicide			12000
Herbicide			3720
Mulch			32000
Water			45000

SUBTOTAL			<u>\$140,320</u>
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Other Costs			
Transportation (10 percent of material)			14032
Contingencies (10 percent of labour and material)			26272
**Tools discounted for 5 years			17000
Land Charges per crop cycle			12500
Supervision			39408
SUBTOTAL			<u>\$109,212</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$371,932</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Pedro Plain
Crop	CUCUMBER
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$81

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	MD	9	1500	13500
Harrowing	MD	6	1500	9000
Mulching	MD	10	1500	15000
Dig Holes/Plant	MD	5	1500	7500
Pest Management	MD	10	1500	15000
Weeding	MD	10	1500	15000
Fertilising	MD	1	1500	1500
Harvesting	MD	12	1500	18000

Lunch	68	300	20400
SUBTOTAL			<u>\$122,400</u>

Material Inputs			
Planting Material			20000
Fertiliser			18000
Insecticide			20000
Fungicide			15000
Herbicide			3000
Mulch			50000
Water			12500

SUBTOTAL			<u>\$138,500</u>
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Other Costs			
Transportation (10 percent of material)			13850
Contingencies (10 percent of labour and material)			26090
**Tools discounted for 5 years			17000
Land Charges per crop cycle			12500
Supervision			39135
SUBTOTAL			<u>\$108,575</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$369,475</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Braes River
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	MD	8	1500	12000
Maintain Trench	MD	3	1500	4500
Prepare Planting Material	MD	3	1500	4500
Dig Holes/Plant	MD	28	1500	42000
Pest Management	MD	3	1500	4500
Weeding	MD	18	1500	27000
Fertilising	MD	4	1500	6000
Harvesting	MD	10	1500	15000

Lunch	82	300	24600
SUBTOTAL			<u>\$147,600</u>

Material Inputs			
*Planting Material (5yr depr.)			20000
Fertiliser			29400
Insecticide			14500
Fungicide			10250
Herbicide			8000

SUBTOTAL			<u>\$82,150</u>
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Other Costs			
Transportation (10 percent of material)			8215
Contingencies (10 percent of labour and material)			22975
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			34463
SUBTOTAL			<u>\$87,653</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$317,403</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Braes River
Crop	PEANUT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈35000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Bushel)	65
Cost of Production \$/Bushel	\$1,529

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	3	2500	7500
Dig Holes/Plant	MD	1	1500	1500
Pest Management	MD	2	1500	3000
Weeding	MD	4	1500	6000
Fertilising	MD	1	1500	1500
Harvesting	MD	4	1500	6000

Lunch	14	300	4200
SUBTOTAL			<u>\$32,700</u>

Material Inputs			
Planting Material			9000
Fertiliser			11000
Insecticide			2500
Fungicide			1850
Herbicide			2700

SUBTOTAL			<u>\$27,050</u>
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Other Costs			
Transportation (10 percent of material)			2705
Contingencies (10 percent of labour and material)			5975
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			8963
SUBTOTAL			<u>\$39,643</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$99,393</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Malvern
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,682
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Mulching	MD	4	1500	6000
Planting	MD	2	1500	3000
Pest Management	MD	2	1500	3000
Weeding	MD	5	1500	7500
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch	40	300	12000
SUBTOTAL			<u>\$89,500</u>

Material Inputs			
Planting Material			3000
Fertiliser			15600
Insecticide			2400
Fungicide			8800
Mulch			25000
Herbicide			8000
Water			12000

SUBTOTAL			<u>\$74,800</u>
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Other Costs			
Transportation (10 percent of material)			7480
Contingencies (10 percent of labour and material)			16430
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			24645
SUBTOTAL			<u>\$63,055</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$227,355</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Malvern
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,500
Cost of Production \$/Kg	\$42

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Prepare Planting Material	MD	5	1500	7500
Planting	MD	12	1500	18000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	35	1500	52500

Lunch	82	300	24600
SUBTOTAL			<u>\$177,600</u>

Material Inputs			
*Planting Material (5 yr depr.)			3000
Fertiliser			34000
Insecticide			17700
Herbicide			4725

SUBTOTAL			<u>\$59,425</u>
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Other Costs			
Transportation (10 percent of material)			5942.5
Contingencies (10 percent of labour and material)			23702.5
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			35554
SUBTOTAL			<u>\$79,699</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$316,724</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Lacovia
Crop	PEANUT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈35000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Bushel)	80
Cost of Production \$/(bushel)	\$1,850

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	1	1500	1500
Planting	MD	2	1500	3000
Pest Management	MD	6	1500	9000
Weeding	CW	5	1000	5000
Fertilising	MD	1	1500	1500
Harvesting	MD	6	1500	9000

Lunch	19	300	5700
SUBTOTAL			<u>\$64,200</u>

Material Inputs			
Planting Material			15000
Fertiliser			15820
Insecticide			2100
Fungicide			3000
Herbicide			3500

SUBTOTAL			<u>\$39,420</u>
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Other Costs			
Transportation (10 percent of material)			3942
Contingencies (10 percent of labour and material)			10362
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			15543
SUBTOTAL			<u>\$44,347</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$147,967</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Lacovia
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	3	1500	4500
Planting	MD	7	1500	10500
Pest Management	MD	3	1500	4500
Weeding	MD	4	1500	6000
Fertilising	MD	2	1500	3000
Harvesting	MD	12	1500	18000

Lunch	34	300	10200
SUBTOTAL			<u>\$88,700</u>

Material Inputs			
*Planting Material (5 yr depr.)			3500
Fertiliser			21500
Baits			800
Herbicide			1400

SUBTOTAL			<u>\$27,200</u>
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Other Costs			
Transportation (10 percent of material)			2720
Contingencies (10 percent of labour and material)			11590
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			17385
SUBTOTAL			<u>\$46,195</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$162,095</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Santo Cruz
Crop	GUNGO PEA
Crop Maturity	7 Months
Reaping Period	2 Years
Planting Distance in cm (l x w)	120cm x 120cm
Planting Density @ 0.4 hectare	2723
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	364
Cost of Production \$/Kg	\$421

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Dig Holes/Plant	MD	5	1500	7500
Maintain Trench	MD	5	1500	7500
Prepare Planting Material	MD	1	1500	1500
Pest Management	MD	2	1500	3000
Weeding	MD	6	1500	9000
Fertilising	MD	1	1500	1500
Harvesting	MD	15	1500	22500

Lunch	37	300	11100
SUBTOTAL			<u><u>\$66,600</u></u>

Material Inputs			
Planting Material			1600
Fertiliser			11000
Insecticide			500

SUBTOTAL			<u><u>\$13,100</u></u>
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Other Costs			
Transportation (10 percent of material)			1310
Contingencies (10 percent of labour and material)			7970
**Tools discounted for 5 years			7000
Land Charges per crop cycle			45000
Supervision			11955
SUBTOTAL			<u><u>\$73,235</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$152,935</u></u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Southfield
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,000
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	4	2500	10000
Mulching	MD	8	1500	12000
Maintain Trench	MD	3	1500	4500
Planting	MD	1	1500	1500
Pest Management	MD	2	1500	3000
Weeding	MD	8	1500	12000
Fertilising	MD	1	1500	1500
Harvesting	MD	15	1500	22500

Lunch	46	300	13800
SUBTOTAL			<u>\$92,800</u>

Material Inputs			
Planting Material			7200
Fertiliser			13800
Insecticide			1500
Fungicide			1300
Herbicide			3000
Mulch			35000

SUBTOTAL			<u>\$61,800</u>
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Other Costs			
Transportation (10 percent of material)			6180
Contingencies (10 percent of labour and material)			15460
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			23190
SUBTOTAL			<u>\$59,330</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$213,930</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Southfield
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	90cm x30cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,955
Cost of Production \$/Kg	\$54

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	MD	10	2500	25000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Mulching	MD	10	1500	15000
Pest Management	MD	9	1500	13500
Weeding	MD	20	1500	30000
Fertilising	MD	1	1500	1500
Harvesting	MD	24	1500	36000

Lunch	99	300	29700
SUBTOTAL			<u>\$188,200</u>

Material Inputs			
Planting Material			14000
Fertiliser			51000
Insecticide			25000
Fungicide			32000
Herbicide			3500
Seed Trays			6000

SUBTOTAL			<u>\$131,500</u>
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Other Costs			
Transportation (10 percent of material)			13150
Contingencies (10 percent of labour and material)			31970
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			47955
SUBTOTAL			<u>\$107,575</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$427,275</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Southfield
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	2.5 Months
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,045
Cost of Production \$/Kg	\$35

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	MD	6	1500	9000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	4	1500	6000
Mulching	MD	7	1500	10500
Pest Management	MD	7	1500	10500
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	24	1500	36000

Lunch	64	300	19200
SUBTOTAL			<u>\$115,200</u>

Material Inputs			
Planting Material			18000
Fertiliser			22000
Insecticide			9000
Fungicide			10000
Seed Trays			5800

SUBTOTAL			<u>\$64,800</u>
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Other Costs			
Transportation (10 percent of material)			6480
Contingencies (10 percent of labour and material)			18000
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			27000
SUBTOTAL			<u>\$65,980</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$245,980</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ginger Hill
Crop	PINEAPPLE (COW BOY)
Crop Maturity	14 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	120cm x 45cm
Planting Density @ 0.4 hectare	7260
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,636
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	12	1500	18000
Furrowing	MD	15	1500	22500
Maintain Trench	MD	4	1500	6000
Planting	MD	10	1500	15000
Pest Management	MD	8	1500	12000
Weeding	MD	8	1500	12000
Fertilising	MD	4	1500	6000
Harvesting	MD	43	1500	64500

Lunch		112	300	33600
SUBTOTAL				<u>\$201,600</u>

Material Inputs				
*Planting Material (10 yr depr.)				21700
Fertiliser				14400
Herbicide				9400

SUBTOTAL				<u>\$45,500</u>
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Other Costs				
Transportation (10 percent of material)				4550
Contingencies (10 percent of labour and material)				24710
**Tools discounted for 5 years				7000
Land Charges per crop cycle				15000
Supervision				37065
SUBTOTAL				<u>\$88,325</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$335,425</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	DASHEEN
Crop Maturity	6 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,591
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Dig Holes/Plant	MD	16	1500	24000
Furrowing	MD	15	1500	22500
Maintain Trench	MD	4	1500	6000
Moulding	MD	16	1500	24000
Pest Management	MD	2	1500	3000
Fertilising	MD	2	1500	3000
Harvesting	MD	40	1500	60000

Lunch	98	300	29400
SUBTOTAL			<u>\$176,400</u>

Material Inputs			
*Planting Material (5 yr depr.)			20300
Fertiliser			10040

SUBTOTAL			<u>\$30,340</u>
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Other Costs			
Transportation (10 percent of material)			3034
Contingencies (10 percent of labour and material)			20674
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			31011
SUBTOTAL			<u>\$76,719</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$283,459</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	PEANUT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 35000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Bushel)	100
Cost of Production \$/Bushel	\$1,179

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Maintain Trench	MD	2	1500	3000
Planting	MD	1	1500	1500
Pest Management	MD	2	1500	3000
Weeding	MD	6	1500	9000
Harvesting	CW	8	1800	14400

Lunch	13	300	3900
SUBTOTAL			<u>\$52,800</u>

Material Inputs			
Planting Material			15000
Insecticide			2500
Herbicide			7800
			2400

SUBTOTAL			<u>\$27,700</u>
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Other Costs			
Transportation (10 percent of material)			2770
Contingencies (10 percent of labour and material)			8050
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			12075
SUBTOTAL			<u>\$37,395</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$117,895</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	New Market
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,864
Cost of Production \$/Kg	\$51

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	25	1500	37500
Planting	MD	1	1500	1500
Maintain Trench	MD	5	1500	7500
Weeding	MD	6	1500	9000
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch	66	300	19800
SUBTOTAL			<u>\$118,800</u>

Material Inputs			
Planting Material			2200
Fertiliser			18500
Herbicide			4750

SUBTOTAL			<u>\$25,450</u>
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Other Costs			
Transportation (10 percent of material)			2545
Contingencies (10 percent of labour and material)			14425
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			21638
SUBTOTAL			<u>\$53,108</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$197,358</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	9 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,545
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	CW	10	1900	19000
Maintain Trench	MD	4	1500	6000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	7	1500	10500
Weeding	MD	10	1500	15000
Fertilising	MD	8	1500	12000
Pest Management	MD	12	1500	18000
Harvesting	MD	130	1500	195000

Lunch		185	300	55500
SUBTOTAL				<u>\$352,000</u>

Material Inputs				
Planting Material				2500
Fertiliser				62000
Insecticide				37000
Herbicide				1350

SUBTOTAL				<u>\$102,850</u>
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Other Costs				
Transportation (10 percent of material)				10285
Contingencies (10 percent of labour and material)				45485
**Tools discounted for 5 years				7000
Land Charges per crop cycle				7500
Supervision				68228
SUBTOTAL				<u>\$138,498</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$593,348</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	COCO
Crop Maturity	9 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	CW	14	1900	26600
Maintain Trench	MD	2	1500	3000
Prepare Planting Material	MD	1	1500	1500
Planting	MD	4	1500	6000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Harvesting	MD	10	1500	15000

Lunch	44	300	13200
SUBTOTAL			<u>\$105,800</u>

Material Inputs			
*Planting Material (5yr depr.)			8500
Fertiliser			33000
Baits			5000
Herbicide			950

SUBTOTAL			<u>\$47,450</u>
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Other Costs			
Transportation (10 percent of material)			4745
Contingencies (10 percent of labour and material)			15325
**Tools discounted for 5 years			7000
Land Charges per crop cycle			15000
Supervision			22988
SUBTOTAL			<u>\$65,058</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$218,308</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,045
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Planting	MD	3	1500	4500
Pest Management	MD	1	1500	1500
Mulching	MD	4	1500	6000
Fertilising	MD	1	1500	1500
Weeding	MD	3	1500	4500
Harvesting	MD	18	1500	27000

Lunch	38	300	11400
SUBTOTAL			<u>\$85,900</u>

Material Inputs			
Planting Material			11000
Fertiliser			37100
Insecticide			8500
Fungicide			9900
Mulch			41000
Herbicide			8900

SUBTOTAL			<u>\$116,400</u>
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Other Costs			
Transportation (10 percent of material)			11640
Contingencies (10 percent of labour and material)			20230
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			30345
SUBTOTAL			<u>\$76,715</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$279,015</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Ipswich
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	45cm x 90cm
Planting Density @ 0.4 hectare	9680
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,955
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Prepare Planting Material	MD	4	1500	6000
Planting	MD	12	1500	18000
Pest Management	MD	8	1500	12000
Weeding	MD	12	1500	18000
Fertilising	MD	2	1500	3000
Harvesting	MD	42	1500	63000

Lunch	95	300	28500
SUBTOTAL			<u>\$201,000</u>

Material Inputs			
*Planting Material (5 yr depr.)			3750
Fertiliser			34000
Insecticide			17700
Herbicide			4000

SUBTOTAL			<u>\$59,450</u>
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Other Costs			
Transportation (10 percent of material)			5945
Contingencies (10 percent of labour and material)			26045
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			39068
SUBTOTAL			<u>\$85,558</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$346,008</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Pedro Plain
Crop	BEETROOT
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	MD	18	1500	27000
Harrowing	MD	5	1500	7500
Mulching	MD	8	1500	12000
Planting	MD	10	1500	15000
Pest Management	MD	5	1500	7500
Weeding	MD	12	1500	18000
Fertilising	MD	4	1500	6000
Harvesting	MD	30	1500	45000

Lunch	94	300	28200
SUBTOTAL			<u>\$169,200</u>

Material Inputs			
Planting Material			21000
Fertiliser			13500
Insecticide			8500
Fungicide			4500
Herbicide			5000
Mulch			28000
Water			30000

SUBTOTAL			<u>\$110,500</u>
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Other Costs			
Transportation (10 percent of material)			11050
Contingencies (10 percent of labour and material)			27970
**Tools discounted for 5 years			7000
Land Charges per crop cycle			12500
Supervision			41955
SUBTOTAL			<u>\$100,475</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$380,175</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Pedro Plain
Crop	WATERMELON
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	180cm x 120cm
Planting Density @ 0.4 hectare	1815
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,636
Cost of Production \$/Kg	\$54

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	15	1500	22500
Harrowing	MD	6	1500	9000
Mulching	MD	10	1500	15000
Dig Holes/Plant	MD	3	1500	4500
Pest Management	MD	8	1500	12000
Weeding	MD	15	1500	22500
Fertilising	MD	2	1500	3000
Harvesting	MD	12	1500	18000

Lunch	75	300	22500
SUBTOTAL			<u>\$135,000</u>

Material Inputs			
Planting Material			4000
Fertiliser			38000
Insecticide			17000
Fungicide			13000
Herbicide			3000
Mulch			45000
Water			80000

SUBTOTAL			<u>\$200,000</u>
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Other Costs			
Transportation (10 percent of material)			20000
Contingencies (10 percent of labour and material)			33500
**Tools discounted for 5 years			17000
Land Charges per crop cycle			12500
Supervision			50250
SUBTOTAL			<u>\$133,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$468,250</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Braes River
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	180cm x 120cm
Planting Density @ 0.4 hectare	1815
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$33

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1500	1500
Ploughing	tractor	3	2500	7500
Dig Holes/Plant	MD	4	1500	6000
Pest Management	MD	2	1500	3000
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	10	1500	15000

Lunch	21	300	6300
SUBTOTAL			<u>\$45,300</u>

Material Inputs			
Planting Material			2000
Fertiliser			27000
Insecticide			500
Fungicide			3000
Herbicide			3000

SUBTOTAL			<u>\$35,500</u>
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Other Costs			
Transportation (10 percent of material)			3550
Contingencies (10 percent of labour and material)			8080
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			12120
SUBTOTAL			<u>\$38,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$119,050</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Braes River
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,227
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	3	2500	7500
Lining Irrigation Hose	MD	2	1500	3000
Dig Holes/Plant	MD	15	1500	22500
Pest Management	MD	24	1500	36000
Weeding	MD	30	1500	45000
Fertilising	MD	8	1500	12000
Harvesting	MD	126	1500	189000

Lunch	208	300	62400
SUBTOTAL			<u>\$384,900</u>

Material Inputs			
Planting Material			12800
Fertiliser			85000
Insecticide			18500
Fungicide			15800
Herbicide			5500
Potting Mixture			14000
Seed Trays			5500
Water			40000

SUBTOTAL			<u>\$197,100</u>
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Other Costs			
Transportation (10 percent of material)			19710
Contingencies (10 percent of labour and material)			58200
**Tools discounted for 5 years			27000
Land Charges per crop cycle			15000
Supervision			87300
SUBTOTAL			<u>\$207,210</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$789,210</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Malvern
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 75cm
Planting Density @ 0.4 hectare	17424
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,727
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	8	2500	20000
Furrowing	tractor	4	2500	10000
Mulching	MD	8	1500	12000
Planting	MD	16	1500	24000
Pest Management	MD	6	1500	9000
Weeding	MD	15	1500	22500
Fertilising	MD	2	1500	3000
Harvesting	MD	33	1500	49500

Lunch	83	300	24900
SUBTOTAL			<u>\$179,400</u>

Material Inputs			
Planting Material			90000
Fertiliser			17625
Insecticide			11500
Fungicide			14000
Mulch			25000
Herbicide			7200
Water			12000

SUBTOTAL			<u>\$177,325</u>
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Other Costs			
Transportation (10 percent of material)			17732.5
Contingencies (10 percent of labour and material)			35672.5
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			53509
SUBTOTAL			<u>\$121,414</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$478,139</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Malvern
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,682
Cost of Production \$/Kg	\$68

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	MD	8	1500	12000
Harrowing	MD	4	1500	6000
Nursery Operations	MD	5	1500	7500
Mulching	MD	5	1500	7500
Transplanting	MD	20	1500	30000
Pest Management	MD	2	1500	3000
Weeding	MD	25	1500	37500
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch	78	300	23400
SUBTOTAL			<u>\$165,900</u>

Material Inputs			
Planting Material			14000
Fertiliser			35000
Insecticide			15000
Fungicide			1800
Mulch			41000
Herbicide			4400
Water			12000

SUBTOTAL			<u>\$123,200</u>
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Other Costs			
Transportation (10 percent of material)			12320
Contingencies (10 percent of labour and material)			28910
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			43365
SUBTOTAL			<u>\$99,095</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$388,195</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Lacovia
Crop	HOT PEPPER (WI RED)
Crop Maturity	3.5 Months
Reaping Period	7 Months
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,864
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	16	1500	24000
Pest Management	MD	12	1500	18000
Weeding	MD	30	1500	45000
Fertilising	MD	6	1500	9000
Harvesting	MD	115	1500	172500

Lunch	190	300	57000
SUBTOTAL			<u>\$367,000</u>

Material Inputs			
Planting Material			4500
Fertiliser			46000
Insecticide			12500
Fungicide			7500
Herbicide			3800

SUBTOTAL			<u>\$74,300</u>
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Other Costs			
Transportation (10 percent of material)			7430
Contingencies (10 percent of labour and material)			44130
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			66195
SUBTOTAL			<u>\$132,255</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$573,555</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Lacovia
Crop	PAW-PAW
Crop Maturity	12 Months
Reaping Period	1 Year
Planting Distance in cm (l x w)	210cm x 210cm
Planting Density @ 0.4 hectare	889
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	13,409
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	3	2500	7500
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	4	1500	6000
Pest Management	MD	24	1500	36000
Weeding	MD	6	1500	9000
Fertilising	MD	1	1500	1500
Harvesting	MD	135	1500	202500

Lunch		178	300	53400
SUBTOTAL				<u><u>\$337,900</u></u>

Material Inputs				
Planting Material				1800
Fertiliser				35000
Insecticide				32000
Fungicide				15000
Herbicide				12500

SUBTOTAL				<u><u>\$96,300</u></u>
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Other Costs				
Transportation (10 percent of material)				9630
Contingencies (10 percent of labour and material)				43420
**Tools discounted for 5 years				7000
Land Charges per crop cycle				15000
Supervision				65130
SUBTOTAL				<u><u>\$140,180</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u><u>\$574,380</u></u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Santo Cruz
Crop	RED PEA
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	750
Cost of Production \$/Kg	\$243

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	MD	10	1500	15000
Dig Holes/Plant	MD	10	1500	15000
Maintain Trench	MD	3	1500	4500
Prepare Planting Material	MD	1	1500	1500
Planting	MD	7	1500	10500
Pest Management	MD	12	1500	18000
Weeding	MD	6	1500	9000
Fertilising	MD	2	1500	3000
Harvesting	MD	5	1500	7500

Lunch	59	300	17700
SUBTOTAL			<u>\$106,200</u>

Material Inputs			
Planting Material			5000
Fertiliser			12000
Insecticide			2400
Fungicide			4800
Herbicide			1500

SUBTOTAL			<u>\$25,700</u>
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Other Costs			
Transportation (10 percent of material)			2570
Contingencies (10 percent of labour and material)			13190
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			19785
SUBTOTAL			<u>\$50,045</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$181,945</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Santo Cruz
Crop	PEANUT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈35000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (bushel)	75
Cost of Production \$/(bushel)	\$1,857

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	4	2500	10000
Prepare Planting Material	MD	1	1500	1500
Dig Holes/Plant	MD	7	1500	10500
Pest Management	MD	12	1500	18000
Weeding	MD	7	1500	10500
Fertilising	MD	1	1500	1500
Harvesting	MD	7	1500	10500

Lunch		37	300	11100
SUBTOTAL				<u>\$76,600</u>

Material Inputs				
Planting Material				9000
Fertiliser				11000
Herbicide				1500

SUBTOTAL				<u>\$21,500</u>
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Other Costs				
Transportation (10 percent of material)				2150
Contingencies (10 percent of labour and material)				9810
**Tools discounted for 5 years				7000
Land Charges per crop cycle				7500
Supervision				14715
SUBTOTAL				<u>\$41,175</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$139,275</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Southfield
Crop	BROCCOLI
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x30cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,591
Cost of Production \$/Kg	\$36

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	12	2500	30000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	15	1500	22500
Pest Management	MD	9	1500	13500
Weeding	MD	12	1500	18000
Fertilising	MD	1	1500	1500
Harvesting	MD	6	1500	9000

Lunch	64	300	19200
SUBTOTAL			<u>\$127,200</u>

Material Inputs			
Planting Material			10000
Fertiliser			15000
Insecticide			16000
Fungicide			4400
Herbicide			2200

SUBTOTAL			<u>\$47,600</u>
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Other Costs			
Transportation (10 percent of material)			4760
Contingencies (10 percent of labour and material)			17480
**Tools discounted for 5 years			7000
Land Charges per crop cycle			7500
Supervision			26220
SUBTOTAL			<u>\$62,960</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$237,760</u>

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

St. ELIZABETH

Parish	St. Elizabeth
Extension Area	Southfield
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x30cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,773
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	2	1500	3000
Planting	MD	6	1500	9000
Pest Management	MD	3	1500	4500
Weeding	MD	3	1500	4500
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch		37	300	11100
SUBTOTAL				<u>\$84,100</u>

Material Inputs				
*Planting Material (5 yr depr.)				3500
Fertiliser				8500
Insecticide				1800
Herbicide				1700

SUBTOTAL				<u>\$15,500</u>
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Other Costs				
Transportation (10 percent of material)				1550
Contingencies (10 percent of labour and material)				9960
**Tools discounted for 5 years				7000
Land Charges per crop cycle				7500
Supervision				14940
SUBTOTAL				<u>\$40,950</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$140,550</u>

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

Back	Home	Forward
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Parish	St. Andrew
Extension Area	Mavis Bank
Crop	SNOW PEAS
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (\$/Kg)	2,182
Cost of Production (\$/Kg)	\$113

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	20	1500	30000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	4	1500	6000
Planting	MD	8	1500	12000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting (excluding shelling)	MD	10	1500	15000

Lunch	78	300	23400
SUBTOTAL			<u>\$140,400</u>

Material Inputs			
Planting Material			7000
Fertiliser			17000
Fungicide			10000
Insecticide			8000
Herbicide			2100

SUBTOTAL			<u>\$44,100</u>
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Other Costs			
Transportation (10 percent of material)			4410
Contingencies (10 percent of labour and material)			18450
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			27675
SUBTOTAL			<u>\$62,535</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$247,035</u>

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

St. ANDREW

Parish	St. Andrew
Extension Area	Mavis Bank
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,364
Cost of Production \$/Kg	\$61

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	15	2500	37500
Harrowing	MD	6	2500	15000
Furrowing	MD	6	2500	15000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	12	1500	18000
Weeding	MD	8	2000	16000
Fertilising	MD	2	1500	3000
Harvesting	MD	16	1500	24000

Lunch	90	300	27000
SUBTOTAL			<u>\$193,000</u>

Material Inputs			
Planting Material			4500
Potting Mixture			25000
Seed Trays			4000
Fertiliser			18000
Insecticide			12000
Herbicide			7600

SUBTOTAL			<u>\$71,100</u>
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Other Costs			
Transportation (10 percent of material)			7110
Contingencies (10 percent of labour and material)			26410
**Tools discounted for 5 years			47000
Land Charges per crop cycle			5000
Supervision			39615
SUBTOTAL			<u>\$125,135</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$389,235</u>

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

St. ANDREW

Parish	St. Andrew
Extension Area	Mavis Bank
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90 x 90
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	10	1500	15000
Harrowing	MD	5	1500	7500
Furrowing	MD	8	1500	12000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	5	1500	7500
Pest Management	MD	12	1500	18000
Weeding	MD	8	1500	12000
Fertilising	MD	2	1500	3000
Harvesting	MD	18	1500	27000

Lunch	81	300	24300
SUBTOTAL			<u>\$145,800</u>

Material Inputs			
Planting Material			19800
Fertiliser			15000
Insecticide			12000
Fungicide			4500
Herbicide			2100

SUBTOTAL			<u>\$53,400</u>
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Other Costs			
Transportation (10 percent of material)			5340
Contingencies (10 percent of labour and material)			19920
**Tools discounted for 5 years			47000
Land Charges per crop cycle			5000
Supervision			29880
SUBTOTAL			<u>\$107,140</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$306,340</u>

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

St. ANDREW

Parish	St. Andrew
Extension Area	Mavis Bank
Crop	BROCCOLI
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	15	2500	37500
Harrowing	MD	6	2500	15000
Furrowing	MD	6	2500	15000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	10	1500	15000
Pest Management	MD	8	1500	12000
Weeding	MD	12	2000	24000
Fertilising	MD	2	1500	3000
Harvesting	MD	16	1500	24000

Lunch	89	300	26700
SUBTOTAL			<u>\$193,200</u>

Material Inputs			
Planting Material			20000
Fertiliser			25000
Insecticide			15000
Fungicide			6000
Herbicide			2100

SUBTOTAL			<u>\$68,100</u>
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Other Costs			
Transportation (10 percent of material)			6810
Contingencies (10 percent of labour and material)			26130
**Tools discounted for 5 years			47000
Land Charges per crop cycle			5000
Supervision			39195
SUBTOTAL			<u>\$124,135</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$385,435</u>

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

St. ANDREW

Parish	St. Andrew
Extension Area	Mavis Bank
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,545
Cost of Production \$/Kg	\$42

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1500	30000
Ploughing	MD	15	2500	37500
Harrowing	MD	6	2500	15000
Furrowing	MD	6	2500	15000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	12	1500	18000
Weeding	MD	8	2000	16000
Fertilising	MD	2	1500	3000
Harvesting	MD	20	1500	30000

Lunch	106	300	31800
SUBTOTAL			<u>\$221,800</u>

Material Inputs			
Planting Material			6000
Fertiliser			22000
Insecticide			14000
Fungicide			6000
Herbicide			2300

SUBTOTAL			<u>\$50,300</u>
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Other Costs			
Transportation (10 percent of material)			5030
Contingencies (10 percent of labour and material)			27210
**Tools discounted for 5 years			47000
Land Charges per crop cycle			5000
Supervision			40815
SUBTOTAL			<u>\$125,055</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$397,155</u>

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

Back	Home	Forward
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Parish	St. Ann
Extension Area	Cave Valley
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$53

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	CW	20	2500	50000
Furrowing	MD	6	1500	9000
Maintain Trench	MD	6	1500	9000
Planting	MD	8	1500	12000
Pest Management	MD	6	1500	9000
Fertilising	MD	4	1500	6000
Weeding	MD	8	1500	12000
Harvesting	MD	30	1500	45000

Lunch	46	300	13800
SUBTOTAL			<u><u>\$177,800</u></u>

Material Inputs

Planting Material	56000
Fertiliser	38000
Insecticide	18000
Herbicide	1400

SUBTOTAL	<u><u>\$113,400</u></u>
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Other Costs

Transportation (10 percent of material)	11340
Contingencies (10 percent of labour and material)	29120
**Tools discounted for 5 years	7000
Land Charges per crop cycle	3000
Supervision	43680
SUBTOTAL	<u><u>\$94,140</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	<u><u>\$385,340</u></u>

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

Parish	St. Ann
Extension Area	Cave Valley
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,182
Cost of Production \$/Kg	\$76

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	CW	10	2500	25000
Maintain Trench	MD	6	1500	9000
Planting	MD	2	1500	3000
Pest Management	MD	6	1500	9000
Weeding	MD	5	1500	7500
Fertilising	MD	2	1500	3000
Harvesting	MD	10	1500	15000
Fertilising	MD	3	1500	4500
Harvesting	MD	15	1500	22500

Lunch	54	300	16200
SUBTOTAL			<u>\$122,200</u>

Material Inputs			
Planting Material			12000
Fertiliser			30000
Insecticide			15000
Herbicide			1200

SUBTOTAL			<u>\$58,200</u>
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Other Costs			
Transportation (10 percent of material)			5820
Contingencies (10 percent of labour and material)			18040
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			27060
SUBTOTAL			<u>\$60,920</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$241,320</u>

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

Parish	St. Ann
Extension Area	Cave Valley
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 210cm
Planting Density @ 0.4 hectare	1200
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$36

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	2500	15000
Make Mounds	MD	10	1500	15000
Moulding	MD	10	1500	15000
Prepare Planting Material	MD	1	1500	1500
Planting	MD	3	1500	4500
Stake and Tie	MD	12	1500	18000
Weeding	MD	20	1500	30000
Harvesting	MD	20	1500	30000

Lunch	82	300	24600
SUBTOTAL			<u>\$153,600</u>

Material Inputs

*Planting Material	15000
*Stakes (3yr depr.)	55000
Fertiliser	20000

SUBTOTAL	<u>\$90,000</u>
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Other Costs

Transportation (10 percent of material)	9000
Contingencies (10 percent of labour and material)	24360
**Tools discounted for 5 years	7000
Land Charges per crop cycle	6000
Supervision	36540
SUBTOTAL	<u>\$82,900</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	<u>\$326,500</u>

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

Parish	St. Ann
Extension Area	Alexandria
Crop	LETTUCE
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	2500	10000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	5	2500	12500
Furrowing	tractor	5	2500	12500
Maintain Trench	MD	5	1500	7500
Nursery Operations	MD	2	1500	3000
Transplanting	MD	10	1500	15000
Pest Management	MD	8	1500	12000
Weeding	MD	16	1500	24000
Fertilising	MD	3	1500	4500
Harvesting	MD	20	1500	30000

Lunch	68	300	20400
SUBTOTAL			<u>\$171,400</u>

Material Inputs			
Planting Material			5000
Fertiliser			36000
Insecticide			9000
Fungicide			6000
Herbicide			10000

SUBTOTAL			<u>\$66,000</u>
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Other Costs			
Transportation (10 percent of material)			6600
Contingencies (10 percent of labour and material)			23740
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			35610
SUBTOTAL			<u>\$76,950</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$314,350</u>

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

Parish	St. Ann
Extension Area	St. Ann's Bay
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$67

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	25	1500	37500
Furrowing	MD	10	1500	15000
Planting	MD	10	1500	15000
Pest Management	MD	7	1500	10500
Weeding	MD	16	1500	24000
Fertilising	MD	2	1500	3000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	20	1500	30000

Lunch	118	500	59000
SUBTOTAL			<u>\$236,000</u>

Material Inputs			
Planting Material			45000
Fertiliser			28000
Insecticide			7200
Fungicide			26000
Herbicide			6000

SUBTOTAL			<u>\$112,200</u>
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Other Costs			
Transportation (10 percent of material)			11220
Contingencies (10 percent of labour and material)			34820
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			52230
SUBTOTAL			<u>\$109,270</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$457,470</u>

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

Parish	St. Ann
Extension Area	St. Ann's Bay
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	20	1500	30000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	16	1500	24000
Pest Management	MD	8	1500	12000
Weeding	MD	16	1500	24000
Fertilising	MD	1	1500	1500
Harvesting	MD	12	1500	18000

Lunch	68	500	34000
SUBTOTAL			<u>\$166,000</u>

Material Inputs			
Planting Material			5600
Fertiliser			18400
Insecticide			7200
Fungicide			2300
Herbicide			3600

SUBTOTAL			<u>\$37,100</u>
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Other Costs			
Transportation (10 percent of material)			3710
Contingencies (10 percent of labour and material)			20310
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			30465
SUBTOTAL			<u>\$65,485</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$268,585</u>

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

Parish	St. Ann
Extension Area	St. Ann's Bay
Crop	ONION
Crop Maturity	6 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$104

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	20	1500	30000
Furrowing	MD	10	1500	15000
Planting	MD	6	1500	9000
Pest Management	MD	7	1500	10500
Weeding	MD	8	1500	12000
Harvesting	MD	25	1500	37500

Lunch	86	500	43000
SUBTOTAL			<u>\$172,000</u>

Material Inputs			
Planting Material			45000
Fertiliser			28800
Insecticide			7200
Fungicide			26000
Herbicide			6000

SUBTOTAL			<u>\$113,000</u>
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Other Costs			
Transportation (10 percent of material)			11300
Contingencies (10 percent of labour and material)			28500
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			42750
SUBTOTAL			<u>\$93,550</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$378,550</u>

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

Parish	St. Ann
Extension Area	Moneague
Crop	SCOTCH BONNET PEPPER
Crop Maturity	5 Months
Reaping Period	7 Months
Planting Distance in cm (l x w)	120cm x 60cm
Planting Density @ 0.4 hectare	5445
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$97

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	CW	8	2000	16000
Furrowing	CW	5	2000	10000
Maintain Trench	MD	4	1500	6000
Planting	MD	10	1500	15000
Weeding	MD	35	1500	52500
Fertilising	MD	20	1500	30000
Pest Management	MD	25	1500	37500
Harvesting	MD	10	1500	15000

Lunch	110	500	55000
SUBTOTAL			<u>\$246,000</u>

Material Inputs			
Planting Material			54450
Fertiliser			45000
Insecticide			25000
Fungicide			16600
Herbicide			12000

SUBTOTAL			<u>\$153,050</u>
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Other Costs			
Transportation (10 percent of material)			15305
Contingencies (10 percent of labour and material)			39905
**Tools discounted for 5 years			7000
Land Charges per crop cycle			8000
Supervision			59858
SUBTOTAL			<u>\$130,068</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$529,118</u>

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

Parish	St. Ann
Extension Area	Moneague
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	120cm x 60cm
Planting Density @ 0.4 hectare	5445
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,000
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	MD	12	1500	18000
Furrowing	MD	8	1500	12000
Lining Irrigation Hose	MD	3	1500	4500
Maintain Trench	MD	2	1500	3000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	10	1500	15000
Weeding	MD	16	1500	24000
Pest Management	MD	16	1500	24000
Fertilising	MD	8	1500	12000
Harvesting	MD	32	1500	48000
Lunch		114	500	57000
SUBTOTAL				<u>\$228,000</u>
Material Inputs				
Planting Material				30000
Fertiliser				25000
Insecticide				13000
Fungicide				26000
Herbicide				3500
Water				22000
SUBTOTAL				<u>\$119,500</u>
Other Costs				
Transportation (10 percent of material)				11950
Contingencies (10 percent of labour and material)				34750
**Tools discounted for 5 years				7000
Land Charges per crop cycle				4000
Supervision				52125
SUBTOTAL				<u>\$109,825</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$457,325</u>

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

Parish	St. Ann
Extension Area	Browns Town
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,091
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1500	13500
Ploughing	MD	12	1500	18000
Harrowing	MD	8	1500	12000
Planting	MD	1	1500	1500
Pest Management	MD	8	1500	12000
Weeding	MD	16	1500	24000
Fertilising	MD	1	1500	1500
Harvesting	MD	16	1500	24000

Lunch	71	300	21300
SUBTOTAL			<u>\$127,800</u>

Material Inputs			
Planting Material			14000
Fertiliser			28400
Insecticide			9500
Fungicide			7000
Herbicide			2600

SUBTOTAL			<u>\$61,500</u>
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Other Costs			
Transportation (10 percent of material)			6150
Contingencies (10 percent of labour and material)			18930
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			28395
SUBTOTAL			<u>\$65,475</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$254,775</u>

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

Parish	St. Ann
Extension Area	Browns Town
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,727
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Make Mounds	MD	25	2500	62500
Dig Holes	MD	12	2500	30000
Planting	MD	12	1500	18000
Pest Management	MD	8	1500	12000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	9	1500	13500

Lunch	93	300	27900
SUBTOTAL			<u>\$204,400</u>

Material Inputs			
Planting Material			11000
Fertiliser			26000
Insecticide			20000
Fungicide			10000
Herbicide			2600

SUBTOTAL			<u>\$69,600</u>
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Other Costs			
Transportation (10 percent of material)			6960
Contingencies (10 percent of labour and material)			27400
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			41100
SUBTOTAL			<u>\$87,460</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$361,460</u>

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

Parish	St. Ann
Extension Area	Cave Valley
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1500	13500
Ploughing	CW	20	2500	50000
Furrowing	MD	6	1500	9000
Maintain Trench	MD	5	1500	7500
Nursery Operations	MD	4	1500	6000
Transplanting	MD	15	1500	22500
Pest Management	MD	6	1500	9000
Weeding	MD	10	1500	15000
Fertilising	MD	3	1500	4500
Harvesting	MD	12	1500	18000

Lunch	70	300	21000
SUBTOTAL			<u><u>\$176,000</u></u>

Material Inputs			
Planting Material			6500
Fertiliser			30000
Insecticide			30000
Fungicide			10000

SUBTOTAL			<u><u>\$76,500</u></u>
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Other Costs			
Transportation (10 percent of material)			7650
Contingencies (10 percent of labour and material)			25250
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			37875
SUBTOTAL			<u><u>\$80,775</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$333,275</u></u>

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

Parish	St. Ann	Never planted on same land twice
Extension Area	Cave Valley	
Crop	GINGER	
Crop Maturity	9 Months	
Reaping Period	1 Month	
Planting Distance in cm (l x w)	30cm x 30cm	
Planting Density @ 0.4 hectare	21780	
Terrain	Hillside Farm	
Land Preparation	Manual	
Irrigated/Rain fed	Rainfed	
Area	0.4 hectare	
Man-day Charge (excluding lunch)	\$1,500	
Projected Marketable Yield (Kg)	10,455	
Cost of Production \$/Kg	\$21	

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	10	2500	25000
Ploughing	CW	10	2500	25000
Maintain Trench	MD	10	1500	15000
Prepare Planting Material	MD	5	1500	7500
Planting	MD	6	1500	9000
Weeding	MD	30	1500	45000
Harvesting	MD	2	1500	3000

Lunch	53	300	15900
SUBTOTAL			<u>\$145,400</u>
Material Inputs			
*Planting Material			18000

SUBTOTAL			<u>\$18,000</u>
Other Costs			
Transportation (10 percent of material)			1800
Contingencies (10 percent of labour and material)			16340
**Tools discounted for 5 years			7000
Land Charges per crop cycle			6000
Supervision			24510
SUBTOTAL			<u>\$55,650</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$219,050</u>

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

Parish	St. Ann
Extension Area	Alexandria
Crop	CABBAGE
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,455
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	2500	37500
Dig Holes	MD	10	1500	15000
Nursery Operations	MD	1	1500	1500
Transplanting	MD	12	1500	18000
Pest Management	MD	7	1500	10500
Weeding	MD	15	1500	22500
Fertilising	MD	5	1500	7500
Harvesting	MD	12	1500	18000

Lunch	77	300	23100
SUBTOTAL			<u>\$153,600</u>

Material Inputs			
Planting Material			24000
Fertiliser			55000
Insecticide			24000
Fungicide			6000
Herbicide			5000

SUBTOTAL			<u>\$114,000</u>
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Other Costs			
Transportation (10 percent of material)			11400
Contingencies (10 percent of labour and material)			26760
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			40140
SUBTOTAL			<u>\$89,300</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$356,900</u>

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

Parish	St. Ann
Extension Area	Alexandria
Crop	PAK CHOI
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	2500	10000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	5	2500	12500
Furrowing	tractor	5	2500	12500
Maintain Trench	MD	5	1500	7500
Nursery Operations	MD	2	1500	3000
Transplanting	MD	10	1500	15000
Pest Management	MD	8	1500	12000
Weeding	MD	8	1500	12000
Fertilising	MD	2	1500	3000
Harvesting	MD	20	1500	30000
Lunch		59	300	17700
SUBTOTAL				<u>\$155,200</u>
Material Inputs				
Planting Material				2500
Fertiliser				21000
Insecticide				10000
Fungicide				8000
Herbicide				5000
SUBTOTAL				<u>\$46,500</u>
Other Costs				
Transportation (10 percent of material)				4650
Contingencies (10 percent of labour and material)				20170
**Tools discounted for 5 years				7000
Land Charges per crop cycle				4000
Supervision				30255
SUBTOTAL				<u>\$66,075</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$267,775</u>

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

Parish	St. Ann
Extension Area	St. Ann's Bay
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,182
Cost of Production \$/Kg	\$53

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	tractor	7	2500	17500
Planting	MD	2	1500	3000
Pest Management	MD	12	1500	18000
Weeding	MD	12	1500	18000
Fertilising	MD	1	1500	1500
Harvesting	MD	2	1500	3000

Lunch	35	500	17500
SUBTOTAL			<u>\$87,500</u>

Material Inputs			
Planting Material			3800
Fertiliser			22400
Insecticide			3600
Fungicide			2300
Herbicide			4000

SUBTOTAL			<u>\$36,100</u>
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Other Costs			
Transportation (10 percent of material)			3610
Contingencies (10 percent of labour and material)			12360
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			18540
SUBTOTAL			<u>\$45,510</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$169,110</u>

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

Parish	St. Ann
Extension Area	St. Ann's Bay
Crop	DASHEEN
Crop Maturity	10 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 60cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$57

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	MD	20	1500	30000
Planting	MD	20	1500	30000
Weeding	MD	18	1500	27000
Fertilising	MD	2	1500	3000
Harvesting	MD	30	1500	45000
Lunch		100	500	50000
SUBTOTAL				<u>\$200,000</u>
Material Inputs				
*Planting Material (5 yr depr.)				5600
Fertiliser				25000
Herbicide				7500
SUBTOTAL				<u>\$38,100</u>
Other Costs				
Transportation (10 percent of material)				3810
Contingencies (10 percent of labour and material)				23810
**Tools discounted for 5 years				7000
Land Charges per crop cycle				4000
Supervision				35715
SUBTOTAL				<u>\$74,335</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$312,435</u>

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

Parish	St. Ann
Extension Area	Moneague
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$55

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Ploughing	MD	20	1500	30000
Dig Holes	MD	15	1500	22500
Nursery Operations	MD	4	1500	6000
Maintain Trench	MD	7	1500	10500
Transplanting	MD	20	1500	30000
Weeding	MD	25	1500	37500
Pest Management	MD	10	1500	15000
Fertilising	MD	5	1500	7500
Harvesting	MD	7	1500	10500
Lunch		123	500	61500
SUBTOTAL				<u>\$246,000</u>
Material Inputs				
Planting Material				28000
Fertiliser				26000
Insecticide				17000
Fungicide				12000
Herbicide				3400
Water				8000
SUBTOTAL				<u>\$94,400</u>
Other Costs				
Transportation (10 percent of material)				9440
Contingencies (10 percent of labour and material)				34040
**Tools discounted for 5 years				7000
Land Charges per crop cycle				4000
Supervision				51060
SUBTOTAL				<u>\$105,540</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$445,940</u>

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

Parish	St. Ann
Extension Area	Moneague
Crop	HOT PEPPER (WI RED)
Crop Maturity	5 Months
Reaping Period	8.5 Months
Planting Distance in cm (l x w)	90cm x 60cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$72

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Dig Holes	CW	10	2000	20000
Nursery Operations	CW	5	2000	10000
Transplanting	MD	8	1500	12000
Pest Management	MD	20	1500	30000
Weeding	MD	30	1500	45000
Fertilising	MD	10	1500	15000
Pest Management	MD	20	1500	30000
Harvesting	MD	40	1500	60000

Lunch	133	500	66500
SUBTOTAL			<u>\$296,000</u>

Material Inputs			
Planting Material			2200
Fertiliser			60000
Insecticide			22000
Fungicide			12000
Herbicide			9000

SUBTOTAL			<u>\$105,200</u>
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Other Costs			
Transportation (10 percent of material)			10520
Contingencies (10 percent of labour and material)			40120
**Tools discounted for 5 years			7000
Land Charges per crop cycle			8000
Supervision			60180
SUBTOTAL			<u>\$125,820</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$527,020</u>

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

Parish	St. Ann
Extension Area	Browns Town
Crop	ORDINARY CORN
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (doz.)	500 dozen
Cost of Production \$/dozen	\$279

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	5	2500	12500
Harrowing	CW	3	2500	7500
Furrowing	tractor	4	2500	10000
Planting	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Weeding	MD	8	1500	12000
Fertilising	MD	2	1500	3000
Harvesting	MD	5	1500	7500
Lunch		25	300	7500
SUBTOTAL				<u><u>\$75,000</u></u>
Material Inputs				
Planting Material				2400
Fertiliser				13200
Insecticide				3000
Fungicide				3000
Herbicide				3500
SUBTOTAL				<u><u>\$25,100</u></u>
Other Costs				
Transportation (10 percent of material)				2510
Contingencies (10 percent of labour and material)				10010
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				15015
SUBTOTAL				<u><u>\$39,535</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u><u>\$139,635</u></u>

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

Parish	St. Ann
Extension Area	Browns Town
Crop	SWEET POTATO
Crop Maturity	5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 90cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	tractor	7	2500	17500
Harrowing	tractor	4	2500	10000
Furrowing	CW	3	1500	4500
Planting	MD	8	1500	12000
Weeding	MD	6	1500	9000
Fertilising	MD	1	1500	1500
Harvesting	MD	8	1500	12000

Lunch	35	300	10500
SUBTOTAL			<u>\$95,000</u>

Material Inputs			
*Planting Material (5yr depr.)			4800
Fertiliser			17000
Insecticide			5000
Fungicide			4000
Herbicide			4500

SUBTOTAL			<u>\$35,300</u>
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Other Costs			
Transportation (10 percent of material)			3530
Contingencies (10 percent of labour and material)			13030
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			19545
SUBTOTAL			<u>\$48,105</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$178,405</u>

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

St. CATHERINE

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Parish	St. Catherine
Extension Area	Linstead
Crop	SCOTCH BONNET PEPPER
Crop Maturity	4 Months
Reaping Period	1.5 Years
Planting Distance in cm (l x w)	60cm x 120cm
Planting Density @ 0.4 hectare	5445
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,955
Cost of Production \$/Kg	\$64

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	16	1500	24000
Harrowing	MD	10	1500	15000
Furrowing	MD	10	1500	15000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Pest Management	MD	17	1500	25500
Weeding	MD	28	1500	42000
Harvesting	MD	60	1500	90000

Lunch	102	300	30600
SUBTOTAL			<u>\$273,600</u>

Material Inputs			
Planting Material			7500
Fertiliser			35750
Insecticide			26000
Fungicide			17800
Herbicide			5500
Water			22000
Seed Trays			2500

SUBTOTAL			<u>\$117,050</u>
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Other Costs			
Transportation (10 percent of material)			11705
Contingencies (10 percent of labour and material)			39065
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			58598
SUBTOTAL			<u>\$121,368</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$512,018</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Linstead
Crop	PINEAPPLE (SUGAR LOAF)
Crop Maturity	1.5 Years
Reaping Period	Indefinite
Planting Distance in cm (l x w)	30cm x 150cm
Planting Density @ 0.4 hectare	8712
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,318
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	5	1500	7500
Weeding	MD	9	1500	13500
Fertilising	MD	4	1500	6000
Harvesting	MD	60	1500	90000

Lunch	88	300	26400
SUBTOTAL			<u>\$193,400</u>

Material Inputs			
*Planting Material (5yr depr.)			6000
Fertiliser			27000
Herbicide			12000

SUBTOTAL			<u>\$45,000</u>
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Other Costs			
Transportation (10 percent of material)			4500
Contingencies (10 percent of labour and material)			23840
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			35760
SUBTOTAL			<u>\$76,100</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$314,500</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Linstead
Crop	CALLALOO
Crop Maturity	1.5 Months
Reaping Period	7.5 Months
Planting Distance in cm (l x w)	30cm x 120cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	12,955
Cost of Production \$/Kg	\$37

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	15	1500	22500
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	70	1500	105000

Lunch	107	300	32100
SUBTOTAL			<u>\$227,600</u>

Material Inputs			
Planting Material			15000
Fertiliser			32000
Insecticide			20000
Fungicide			15000
Herbicide			7500
Water			30000

SUBTOTAL			<u>\$119,500</u>
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Other Costs			
Transportation (10 percent of material)			11950
Contingencies (10 percent of labour and material)			34710
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			52065
SUBTOTAL			<u>\$130,725</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$477,825</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$17

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	10	1500	15000
Harrowing	MD	8	1500	12000
Planting	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Weeding	MD	10	1500	15000
Fertilising	MD	1	1500	1500
Harvesting	MD	11	1500	16500

Lunch	49	300	14700
SUBTOTAL			<u>\$88,200</u>

Material Inputs			
Planting Material			2000
Fertiliser			10600
Insecticide			5500
Fungicide			3500
Herbicide			5000

SUBTOTAL			<u>\$26,600</u>
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Other Costs			
Transportation (10 percent of material)			2660
Contingencies (10 percent of labour and material)			11480
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			17220
SUBTOTAL			<u>\$40,860</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$155,660</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	SORREL (BASHMENT)
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	90cm x 60cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	1,364
Cost of Production \$/Kg	\$143

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	12	1500	18000
Furrowing	MD	8	1500	12000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	10	1500	15000
Weeding	MD	12	1500	18000
Fertilising	MD	1	1500	1500
Harvesting	MD	14	1500	21000

Lunch	65	300	19500
SUBTOTAL			<u>\$117,000</u>

Material Inputs			
*Planting Material (5yr depr.)			2000
Fertiliser			15000
Insecticide			4500
Fungicide			2500
Herbicide			5000

SUBTOTAL			<u>\$29,000</u>
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Other Costs			
Transportation (10 percent of material)			2900
Contingencies (10 percent of labour and material)			14600
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			21900
SUBTOTAL			<u>\$48,900</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$194,900</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	NEGRO YAM
Crop Maturity	10 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 150cm
Planting Density @ 0.4 hectare	1742
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,636
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Make Mounds	MD	30	1500	45000
Planting	MD	5	1500	7500
Stake and Tie	MD	28	1500	42000
Weeding	MD	12	1500	18000
Fertilising	MD	2	1500	3000
Harvesting	MD	50	1500	75000

Lunch	137	300	41100
SUBTOTAL			<u>\$246,600</u>

Material Inputs			
*Planting Material (5yr depr.)			16150
Fertiliser			45000

SUBTOTAL			<u>\$61,150</u>
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Other Costs			
Transportation (10 percent of material)			6115
Contingencies (10 percent of labour and material)			30775
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			46163
SUBTOTAL			<u>\$92,553</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$400,303</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Old Harbour
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 210cm
Planting Density @ 0.4 hectare	1245
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$20

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Planting	MD	2	1500	3000
Pest Management	MD	8	1500	12000
Weeding	MD	2	1500	3000
Fertilising	MD	1	1500	1500
Harvesting	MD	16	1500	24000

Lunch	35	300	10500
SUBTOTAL			<u>\$78,000</u>

Material Inputs			
Planting Material			2000
Fertiliser			13000
Insecticide			6800
Fungicide			1800
Herbicide			2000
Water			3500

SUBTOTAL			<u>\$29,100</u>
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Other Costs			
Transportation (10 percent of material)			2910
Contingencies (10 percent of labour and material)			10710
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			16065
SUBTOTAL			<u>\$59,185</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$166,285</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Old Harbour
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	30cm x 150cm
Planting Density @ 0.4 hectare	8712
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Fertigation
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$72

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	8	1500	12000
Pest Management	MD	18	1500	27000
Fertilising	MD	4	1500	6000
Weeding	MD	14	1500	21000
Harvesting	MD	60	1500	90000

Lunch	115	300	34500
SUBTOTAL			<u>\$222,000</u>

Material Inputs			
Planting Material			5500
Fertiliser			43000
Insecticide			33000
Fungicide			29000
Herbicide			10000
Water			18000

SUBTOTAL			<u>\$138,500</u>
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Other Costs			
Transportation (10 percent of material)			13850
Contingencies (10 percent of labour and material)			36050
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			54075
SUBTOTAL			<u>\$133,475</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$493,975</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Guy's Hill
Crop	TOMATO (SLICING)
Crop Maturity	2.5 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	60cm x 120cm
Planting Density @ 0.4 hectare	5445
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1200	3600
Ploughing	MD	20	1200	24000
Furrowing	MD	11	1200	13200
Maintain Trench	MD	4	1200	4800
Planting	MD	5	1200	6000
Stake and Tie	MD	8	1200	9600
Weeding	MD	19	1200	22800
Fertilising	MD	4	1200	4800
Pest Management	MD	14	1200	16800
Harvesting	MD	25	1200	30000
Lunch		113	300	33900
SUBTOTAL				<u>\$169,500</u>
Material Inputs				
Planting Material				50000
Fertiliser				45000
Insecticide				30000
Fungicide				7500
Herbicide				5000
SUBTOTAL				<u>\$137,500</u>
Other Costs				
Transportation (10 percent of material)				13750
Contingencies (10 percent of labour and material)				30700
**Tools discounted for 5 years				7000
Land Charges per crop cycle				2500
Supervision				46050
SUBTOTAL				<u>\$100,000</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$407,000</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Guy's Hill
Crop	IRISH POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1200	9600
Ploughing	tractor	8	2500	20000
Furrowing	tractor	4	1200	4800
Maintain Trench	MD	5	1200	6000
Planting	MD	8	1200	9600
Pest Management	MD	6	1200	7200
Weeding	MD	8	1200	9600
Fertilising	MD	2	1200	2400
Harvesting	MD	30	1200	36000

Lunch	67	300	20100
SUBTOTAL			<u>\$125,300</u>

Material Inputs			
Planting Material			60000
Fertiliser			55000
Insecticide			10000
Fungicide			12200
Herbicide			3500

SUBTOTAL			<u>\$140,700</u>
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Other Costs			
Transportation (10 percent of material)			14070
Contingencies (10 percent of labour and material)			26600
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			39900
SUBTOTAL			<u>\$90,070</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$356,070</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Guy's Hill
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	150cm x 180cm
Planting Density @ 0.4 hectare	1452
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$38

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1200	2400
Ploughing	MD	15	1200	18000
Make Mounds	CW	20	900	18000
Maintain Trench	MD	4	1200	4800
Planting	MD	6	1200	7200
Stake and Tie	MD	18	1200	21600
Pest Management	MD	3	1200	3600
Fertilising	MD	1	1200	1200
Weeding	MD	10	1200	12000
Harvesting	MD	25	1200	30000

Lunch	84	300	25200
SUBTOTAL			<u>\$144,000</u>

Material Inputs			
*Planting Material (5yr depr.)			9000
Fertiliser			30000
Herbicide			12000

SUBTOTAL			<u>\$51,000</u>
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Other Costs			
Transportation (10 percent of material)			5100
Contingencies (10 percent of labour and material)			19500
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			29250
SUBTOTAL			<u>\$65,850</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$260,850</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Spanish Town
Crop	OKRA
Crop Maturity	2.5 Months
Reaping Period	2.5 Months
Planting Distance in cm (l x w)	60cm x 90cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,909
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	2	2500	5000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Maintain Trench	MD	2	1500	3000
Planting	MD	7	1500	10500
Pest Management	MD	6	1500	9000
Fertilising	MD	2	1500	3000
Weeding	MD	21	1500	31500
Harvesting	MD	45	1500	67500

Lunch	87	300	26100
SUBTOTAL			<u>\$178,600</u>

Material Inputs			
Planting Material			450
Fertiliser			16000
Insecticide			7500
Herbicide			5500
Water			3500

SUBTOTAL			<u>\$32,950</u>
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Other Costs			
Transportation (10 percent of material)			3295
Contingencies (10 percent of labour and material)			21155
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			31733
SUBTOTAL			<u>\$85,683</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$297,233</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Linstead
Crop	SWEET CASSAVA
Crop Maturity	4 Months
Reaping Period	1.5 Years
Planting Distance in cm (l x w)	120cm x 135cm
Planting Density @ 0.4 hectare	2420
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,318
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Prepare Planting Material	MD	2	1500	3000
Planting	MD	5	1500	7500
Weeding	MD	6	1500	9000
Fertilising	MD	6	1500	9000
Harvesting	MD	60	1500	90000

Lunch	87	300	26100
SUBTOTAL			<u>\$191,600</u>

Material Inputs			
*Planting Material (5yr depr.)			5000
Fertiliser			23000
Herbicide			2400

SUBTOTAL			<u>\$30,400</u>
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Other Costs			
Transportation (10 percent of material)			3040
Contingencies (10 percent of labour and material)			22200
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			33300
SUBTOTAL			<u>\$70,540</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$292,540</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Linstead
Crop	SWEET PEPPER
Crop Maturity	2 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,409
Cost of Production \$/Kg	\$45

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	2500	5000
Furrowing	MD	2	1500	3000
Nursery Operations	MD	15	1500	22500
Transplanting	MD	10	1500	15000
Weeding	MD	2	1500	3000
Fertilising	MD	35	1500	52500
Harvesting				
		72	300	21600
Lunch				<u>\$159,600</u>
SUBTOTAL				
Material Inputs				6000
Planting Material				38000
Fertiliser				24000
Insecticide				22000
Fungicide				3600
Herbicide				15000
Water				
				<u>\$108,600</u>
SUBTOTAL				
Other Costs				10860
Transportation (10 percent of material)				26820
Contingencies (10 percent of labour and material)				27000
**Tools discounted for 5 years				5000
Land Charges per crop cycle				40230
Supervision				<u>\$109,910</u>
SUBTOTAL				<u>\$378,110</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	CABBAGE
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$25

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes/Plant	MD	16	2500	40000
Pest Management	MD	8	2500	20000
Weeding	MD	18	2500	45000
Fertilising	MD	1	1500	1500
Harvesting	MD	15	1500	22500

Lunch	68	300	20400
SUBTOTAL			<u>\$164,400</u>

Material Inputs			
Planting Material			4400
Fertiliser			25000
Insecticide			8000
Fungicide			3500
Herbicide			5000

SUBTOTAL			<u>\$45,900</u>
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Other Costs			
Transportation (10 percent of material)			4590
Contingencies (10 percent of labour and material)			21030
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			31545
SUBTOTAL			<u>\$69,165</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$279,465</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	210cm x 150cm
Planting Density @ 0.4 hectare	1245
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Make Mounds	MD	30	1500	45000
Harrowing	MD	8	1500	12000
Planting	MD	2	1500	3000
Pest Management	MD	3	1500	4500
Weeding	MD	10	1500	15000
Fertilising	MD	1	1500	1500
Harvesting	MD	11	1500	16500

Lunch	75	300	22500
SUBTOTAL			<u>\$135,000</u>

Material Inputs			
Planting Material			2000
Fertiliser			10600
Insecticide			5500
Fungicide			3500
Herbicide			5000

SUBTOTAL			<u>\$26,600</u>
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Other Costs			
Transportation (10 percent of material)			2660
Contingencies (10 percent of labour and material)			16160
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			24240
SUBTOTAL			<u>\$52,560</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$214,160</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Lluidas Vale
Crop	SCOTCH BONNET PEPPER
Crop Maturity	4 Months
Reaping Period	5 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	16	1500	24000
Furrowing	MD	8	1500	12000
Planting	MD	4	1500	6000
Pest Management	MD	24	1500	36000
Weeding	MD	30	1500	45000
Fertilising	MD	3	1500	4500
Harvesting	MD	60	1500	90000

Lunch	149	300	44700
SUBTOTAL			<u>\$268,200</u>

Material Inputs			
Planting Material			43560
Fertiliser			25000
Insecticide			18000
Fungicide			13500
Herbicide			5000

SUBTOTAL			<u>\$105,060</u>
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Other Costs			
Transportation (10 percent of material)			10506
Contingencies (10 percent of labour and material)			37326
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			55989
SUBTOTAL			<u>\$113,321</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$486,581</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Old Harbour
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	600cm x 90cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	6	1500	9000
Pest Management	MD	6	1500	9000
Weeding	MD	6	1500	9000
Fertilising	MD	3	1500	4500
Harvesting	MD	27	1500	40500

Lunch	59	300	17700
SUBTOTAL			<u>\$121,200</u>

Material Inputs			
Planting Material			7600
Fertiliser			27000
Insecticide			11000
Fungicide			1400
Herbicide			2600
Water			5000

SUBTOTAL			<u>\$54,600</u>
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Other Costs			
Transportation (10 percent of material)			5460
Contingencies (10 percent of labour and material)			17580
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			26370
SUBTOTAL			<u>\$78,910</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$254,710</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Old Harbour
Crop	CALLALOO
Crop Maturity	1.5 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	16	1500	24000
Fertilising	MD	8	1500	12000
Weeding	MD	18	1500	27000
Harvesting	CW	55	1200	66000

Lunch	65	300	19500
SUBTOTAL			<u>\$198,000</u>

Material Inputs			
Planting Material			2000
Fertiliser			45000
Insecticide			26000
Fungicide			16500
Herbicide			6500
Water			15000

SUBTOTAL			<u>\$111,000</u>
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Other Costs			
Transportation (10 percent of material)			11100
Contingencies (10 percent of labour and material)			30900
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			46350
SUBTOTAL			<u>\$117,850</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$426,850</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Old Harbour
Crop	OKRA
Crop Maturity	1.5 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	30cm x 150cm
Planting Density @ 0.4 hectare	8712
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	2,727
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	4	2500	10000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	1	1500	1500
Planting	MD	9	1500	13500
Pest Management	MD	6	1500	9000
Weeding	MD	6	1500	9000
Fertilising	MD	2	1500	3000
Harvesting	MD	16	1500	24000

Lunch	44	300	13200
SUBTOTAL			<u>\$94,200</u>

Material Inputs			
Planting Material			5600
Fertiliser			18000
Insecticide			1500
Fungicide			2200
Herbicide			3000
Water			3500

SUBTOTAL			<u>\$33,800</u>
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Other Costs			
Transportation (10 percent of material)			3380
Contingencies (10 percent of labour and material)			12800
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			19200
SUBTOTAL			<u>\$64,880</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$192,880</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Guy's Hill
Crop	CABBAGE
Crop Maturity	2.5 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$20

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1200	12000
Ploughing	CW	10	1500	15000
Dig Holes	MD	15	1200	18000
Maintain Trench	MD	5	1200	6000
Nursery Operations	MD	4	1200	4800
Transplanting	MD	18	1200	21600
Pest Management	MD	4	1200	4800
Weeding	MD	8	1200	9600
Fertilising	MD	2	1200	2400
Harvesting	MD	18	1200	21600

Lunch	84	300	25200
SUBTOTAL			<u>\$141,000</u>

Material Inputs			
Planting Material			8500
Fertiliser			35000
Insecticide			12500
Fungicide			8500
Herbicide			3500

SUBTOTAL			<u>\$68,000</u>
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Other Costs			
Transportation (10 percent of material)			6800
Contingencies (10 percent of labour and material)			20900
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			31350
SUBTOTAL			<u>\$68,550</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$277,550</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Guy's Hill
Crop	DASHEEN
Crop Maturity	10 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	10,909
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	3	1300	3900
Dig Holes	MD	36	1200	43200
Maintain Trench	MD	8	1200	9600
Planting	MD	12	1200	14400
Weeding	MD	36	1200	43200
Pest Management	MD	4	1200	4800
Fertilising	MD	1	1200	1200
Harvesting	MD	20	1200	24000

Lunch	117	300	35100
SUBTOTAL			<u>\$179,400</u>

Material Inputs			
*Planting Material (5yr depr.)			16000
Fertiliser			24000
Herbicide			11000

SUBTOTAL			<u>\$51,000</u>
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Other Costs			
Transportation (10 percent of material)			5100
Contingencies (10 percent of labour and material)			23040
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			34560
SUBTOTAL			<u>\$74,700</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$305,100</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Spanish Town
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	300cm x 150cm
Planting Density @ 0.4 hectare	871
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1500	3000
Planting	MD	3	1500	4500
Weeding	MD	10	1500	15000
Pest Management	MD	6	1500	9000
Fertilising	MD	2	1500	3000
Harvesting	MD	8	1500	12000
Lunch		33	300	9900
SUBTOTAL				<u>\$79,400</u>
Material Inputs				
Planting Material				2200
Fertiliser				16800
Insecticide				23000
Fungicide				8500
Herbicide				5500
Water				8000
SUBTOTAL				<u>\$64,000</u>
Other Costs				
Transportation (10 percent of material)				6400
Contingencies (10 percent of labour and material)				14340
**Tools discounted for 5 years				27000
Land Charges per crop cycle				2500
Supervision				21510
SUBTOTAL				<u>\$71,750</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$215,150</u>

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

St. CATHERINE

Parish	St. Catherine
Extension Area	Spanish Town
Crop	HOT PEPPER (WI RED)
Crop Maturity	3 Months
Reaping Period	2.5 Months
Planting Distance in cm (l x w)	60cm x 120cm
Planting Density @ 0.4 hectare	5445
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,455
Cost of Production \$/Kg	\$51

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	3	2500	7500
Ploughing	tractor	5	2500	12500
Harrowing	tractor	3	2500	7500
Furrowing	tractor	3	2500	7500
Lining Irrigation Hose	MD	2	1500	3000
Maintain Trench	MD	2	1500	3000
Planting	MD	5	1500	7500
Pest Management	MD	6	1500	9000
Fertilising	MD	3	1500	4500
Weeding	MD	10	1500	15000
Harvesting	MD	80	1500	120000

Lunch	108	300	32400
SUBTOTAL			<u>\$229,400</u>

Material Inputs			
Planting Material			38400
Fertiliser			75000
Insecticide			16000
Fungicide			15000
Herbicide			3000
Water			12000

SUBTOTAL			<u>\$159,400</u>
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Other Costs			
Transportation (10 percent of material)			15940
Contingencies (10 percent of labour and material)			38880
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			58320
SUBTOTAL			<u>\$142,640</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$531,440</u>

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

Back	Home	Forward
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Parish	St. James
Extension Area	Maroon Town
Crop	SORREL (BASHMENT)
Crop Maturity	3 Months
Reaping Period	2.5 Months
Planting Distance in cm (l x w)	120cm x 30cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	1,364
Cost of Production \$/Kg	\$274

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1800	27000
Ploughing	MD	15	1800	27000
Furrowing	MD	15	1800	27000
Nursery Operations	MD	5	1800	9000
Transplanting	MD	20	1800	36000
Weeding	MD	15	1800	27000
Pest Management	CW	8	2500	20000
Fertilising	MD	2	1800	3600
Harvesting	MD	15	1800	27000

Lunch	95	450	42750
SUBTOTAL			<u><u>\$246,350</u></u>

Material Inputs			
Planting Material			2000
Fertiliser			30000
Insecticide			3000
Fungicide			2500
Herbicide			4500

SUBTOTAL			<u><u>\$42,000</u></u>
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Other Costs			
Transportation (10 percent of material)			4200
Contingencies (10 percent of labour and material)			28835
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			43253
SUBTOTAL			<u><u>\$85,788</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$374,138</u></u>

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

St. JAMES

Parish	St. James
Extension Area	Maroon Town
Crop	LUCEA YAM
Crop Maturity	7.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 150cm
Planting Density @ 0.4 hectare	1742
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	9,545
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1800	21600
Ploughing	MD	20	1800	36000
Moulding	MD	27	1800	48600
Planting	MD	3	1800	5400
Stake and Tie	MD	26	1800	46800
Weeding	MD	12	1800	21600
Fertilising	MD	3	1800	5400
Harvesting	MD	25	1800	45000

Lunch		128	450	57600
SUBTOTAL				<u>\$288,000</u>

Material Inputs				
*Planting Material (5yr depr.)				25000
Fertiliser				30000
Stakes (3yr depr.)				20000

SUBTOTAL				<u>\$75,000</u>
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Other Costs				
Transportation (10 percent of material)				7500
Contingencies (10 percent of labour and material)				36300
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				54450
SUBTOTAL				<u>\$110,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$473,250</u>

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

St. JAMES

Parish	St. James
Extension Area	Anchovy
Crop	CALLALOO
Crop Maturity	1 Month
Reaping Period	8 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	18,182
Cost of Production \$/Kg	\$27

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1800	9000
Ploughing	MD	10	1800	18000
Maintain Trench	MD	4	1800	7200
Lining Irrigation Hose	MD	2	1800	3600
Planting	MD	10	1800	18000
Pest Management	MD	28	1800	50400
Weeding	MD	24	1800	43200
Fertilising	MD	6	1800	10800
Harvesting	MD	30	1800	54000

Lunch	119	450	53550
SUBTOTAL			<u>\$267,750</u>

Material Inputs			
Planting Material			1200
Fertiliser			45000
Insecticide			21000
Herbicide			3500
Water			15000

SUBTOTAL			<u>\$85,700</u>
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Other Costs			
Transportation (10 percent of material)			8570
Contingencies (10 percent of labour and material)			35345
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			53018
SUBTOTAL			<u>\$128,933</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$482,383</u>

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

St. JAMES

Parish	St. James
Extension Area	Anchovy
Crop	LETTUCE
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1800	14400
Ploughing	MD	8	1800	14400
Lining Irrigation Hose	MD	3	1800	5400
Nursery Operations	MD	4	1800	7200
Transplanting	MD	14	1800	25200
Pest Management	MD	6	1800	10800
Weeding	MD	7	1800	12600
Fertilising	MD	2	1800	3600
Harvesting	MD	15	1800	27000

Lunch	67	450	30150
SUBTOTAL			<u>\$150,750</u>

Material Inputs			
Planting Material			2600
Fertiliser			32000
Insecticide			10000
Fungicide			2500
Herbicide			1200
Water			8000

SUBTOTAL			<u>\$56,300</u>
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Other Costs			
Transportation (10 percent of material)			5630
Contingencies (10 percent of labour and material)			20705
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			31058
SUBTOTAL			<u>\$86,893</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$293,943</u>

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

St. JAMES

Parish	St. James
Extension Area	Spring Mount
Crop	SCOTCH BONNET PEPPER
Crop Maturity	4 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	120cm x 60cm
Planting Density @ 0.4 hectare	5445
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$88

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	24	1800	43200
Dig Holes	MD	30	1800	54000
Maintain Trench	MD	5	1800	9000
Lining Irrigation Hose	MD	3	1800	5400
Nursery Operations	MD	4	1800	7200
Transplanting	MD	8	1800	14400
Pest Management	MD	40	1800	72000
Weeding	MD	42	1800	75600
Fertilising	MD	16	1800	28800
Harvesting	MD	60	1800	108000

Lunch	232	450	104400
SUBTOTAL			<u><u>\$522,000</u></u>

Material Inputs			
Planting Material			3000
Fertiliser			32400
Insecticide			18000
Fungicide			19000
Herbicide			5500
Water			8000

SUBTOTAL			<u><u>\$85,900</u></u>
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Other Costs			
Transportation (10 percent of material)			8590
Contingencies (10 percent of labour and material)			60790
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			91185
SUBTOTAL			<u><u>\$192,565</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$800,465</u></u>

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

St. JAMES

Parish	St. James
Extension Area	Catadupa
Crop	PINEAPPLE (COW BOY)
Crop Maturity	10 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	120cm x 60cm
Planting Density @ 0.4 hectare	5445
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$59

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	9	1800	16200
Ploughing	MD	15	1800	27000
Furrowing	MD	8	1800	14400
Maintain Trench	MD	6	1800	10800
Planting	MD	10	1800	18000
Weeding	MD	3	1800	5400
Fertilising	MD	3	1800	5400
Harvesting	MD	12	1800	21600

Lunch	66	450	<u>29700</u>
SUBTOTAL			<u><u>\$148,500</u></u>

Material Inputs			
*Planting Material (5yr depr.)			10000
Fertiliser			35000
Herbicide			8400

SUBTOTAL			<u><u>\$53,400</u></u>
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Other Costs			
Transportation (10 percent of material)			5340
Contingencies (10 percent of labour and material)			20190
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			30285
SUBTOTAL			<u><u>\$67,815</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$269,715</u></u>

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

St. JAMES

Parish	St. James
Extension Area	Maroon Town
Crop	GINGER
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$48

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1800	21600
Ploughing	tractor	6	2500	15000
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	1	1800	1800
Planting Material Discounted	MD	20	1800	36000
Weeding	MD	27	1800	48600
Pest Management	MD	16	2500	40000
Fertilising	MD	2	1800	3600
Harvesting	MD	33	1800	59400

Lunch	111	450	49950
SUBTOTAL			<u>\$283,450</u>

Material Inputs			
*Planting Material (5yr depr.)			16000
Fertiliser			27000
Fungicide			7000
Herbicide			3000

SUBTOTAL			<u>\$53,000</u>
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Other Costs			
Transportation (10 percent of material)			5300
Contingencies (10 percent of labour and material)			33645
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			50468
SUBTOTAL			<u>\$101,413</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$437,863</u>

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

St. JAMES

Parish	St. James
Extension Area	Maroon Town
Crop	TOMATO (PLUMMY)
Crop Maturity	7.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	7,273
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1800	27000
Dig Holes	MD	10	1800	18000
Stake and Tie	MD	18	1800	32400
Planting	MD	3	1800	5400
Stake and Tie	MD	26	1800	46800
Weeding	MD	10	1800	18000
Fertilising	MD	3	1800	5400
Harvesting	MD	18	1800	32400

Lunch	103	450	46350
SUBTOTAL			<u>\$231,750</u>

Material Inputs			
Planting Material			14500
Fertiliser			22000
Stakes (3yr depr.)			7500
Herbicide			2200

SUBTOTAL			<u>\$46,200</u>
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Other Costs			
Transportation (10 percent of material)			4620
Contingencies (10 percent of labour and material)			27795
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			41693
SUBTOTAL			<u>\$83,608</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$361,558</u>

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

St. JAMES

Parish	St. James
Extension Area	Anchovy
Crop	PAK CHOI
Crop Maturity	1 Month
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	18,182
Cost of Production \$/Kg	\$18

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1800	14400
Ploughing	MD	12	1800	21600
Lining Irrigation Hose	MD	3	1800	5400
Nursery Operations	MD	4	1800	7200
Transplanting	MD	14	1800	25200
Pest Management	MD	10	1800	18000
Weeding	MD	12	1800	21600
Fertilising	MD	4	1800	7200
Harvesting	MD	12	1800	21600

Lunch	79	450	35550
SUBTOTAL			<u>\$177,750</u>

Material Inputs			
Planting Material			1200
Fertiliser			24000
Insecticide			12000
Fungicide			8500
Herbicide			3600
Water			8000

SUBTOTAL			<u>\$57,300</u>
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Other Costs			
Transportation (10 percent of material)			5730
Contingencies (10 percent of labour and material)			23505
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			35258
SUBTOTAL			<u>\$93,993</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$329,043</u>

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

St. JAMES

Parish	St. James
Extension Area	Anchovy
Crop	PINEAPPLE (RIPLEY)
Crop Maturity	9 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	30cm x 120cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1800	21600
Ploughing	tractor	10	2500	25000
Furrowing	MD	12	1800	21600
Planting	MD	12	1800	21600
Pest Management	MD	3	1800	5400
Weeding	MD	3	1800	5400
Fertilising	MD	4	1800	7200
Harvesting	MD	35	1800	63000

Lunch	81	450	36450
SUBTOTAL			<u>\$207,250</u>

Material Inputs			
*Planting Material (5 yr depr.)			25000
Fertiliser			40000
Insecticide			500
Herbicide			8500

SUBTOTAL			<u>\$74,000</u>
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Other Costs			
Transportation (10 percent of material)			7400
Contingencies (10 percent of labour and material)			28125
**Tools discounted for 5 years			27000
Land Charges per crop cycle			2500
Supervision			42188
SUBTOTAL			<u>\$107,213</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$388,463</u>

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

St. JAMES

Parish	St. James
Extension Area	Spring Mount
Crop	PINEAPPLE (COW BOY)
Crop Maturity	14.5 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	120cm x 60cm
Planting Density @ 0.4 hectare	5445
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$55

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	24	1800	43200
Dig Holes	CW	30	2000	60000
Furrowing	CW	6	2000	12000
Maintain Trench	MD	3	1800	5400
Prepare Planting Material	MD	2	1800	3600
Planting	MD	8	1800	14400
Pest Management	MD	5	1800	9000
Weeding	MD	6	1800	10800
Fertilising	MD	3	1800	5400
Harvesting	MD	10	1800	18000

Lunch	97	450	43650
SUBTOTAL			<u>\$225,450</u>

Material Inputs			
Planting Material (5 yr depr.)			15000
Fertiliser			25000
Insecticide			4500
Fungicide			8000
Herbicide			5500

SUBTOTAL			<u>\$58,000</u>
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Other Costs			
Transportation (10 percent of material)			5800
Contingencies (10 percent of labour and material)			28345
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			42518
SUBTOTAL			<u>\$88,663</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$372,113</u>

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

St. JAMES

Parish	St. James
Extension Area	Catadupa
Crop	PAW-PAW
Crop Maturity	11 Months
Reaping Period	3 Years
Planting Distance in cm (l x w)	120cm x 150cm
Planting Density @ 0.4 hectare	2178
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,800
Projected Marketable Yield (Kg)	18,182
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1800	5400
Ploughing	tractor	6	2500	15000
Prepare Planting Material	MD	3	1800	5400
Dig Holes	MD	8	1800	14400
Transplanting	MD	3	1800	5400
Weeding	MD	10	1800	18000
Fertilising	MD	3	1800	5400
Harvesting	MD	102	1800	183600

Lunch	132	450	<u>59400</u>
SUBTOTAL			<u><u>\$312,000</u></u>

Material Inputs			
*Planting Material (5yr depr.)			7500
Fertiliser			30000
Insecticide			23000
Fungicide			1300
Herbicide			7200

SUBTOTAL			<u><u>\$69,000</u></u>
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Other Costs			
Transportation (10 percent of material)			6900
Contingencies (10 percent of labour and material)			38100
**Tools discounted for 5 years			7000
Land Charges per crop cycle			25000
Supervision			57150
SUBTOTAL			<u><u>\$134,150</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$515,150</u></u>

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

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Parish	St. Mary
Extension Area	Highgate
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,455
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	18	1500	27000
Harrowing	MD	12	1500	18000
Furrowing	MD	12	1500	18000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	14	1500	21000
Pest Management	MD	7	1500	10500
Weeding	MD	10	1500	15000
Fertilising	MD	3	1500	4500
Harvesting	MD	18	1500	27000
Lunch		106	300	31800
SUBTOTAL				<u>\$190,800</u>
Material Inputs				
Planting Material				7500
Fertiliser				15000
Insecticide				7000
Fungicide				4000
Herbicide				3800
SUBTOTAL				<u>\$37,300</u>
Other Costs				
Transportation (10 percent of material)				3730
Contingencies (10 percent of labour and material)				22810
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				34215
SUBTOTAL				<u>\$72,755</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$300,855</u>

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

St. MARY

Parish	St. Mary
Extension Area	Highgate
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$22

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	5	2000	10000
Dig Holes	CW	5	1500	7500
Maintain Trench	MD	4	1500	6000
Planting	MD	1	1500	1500
Pest Management	MD	4	1500	6000
Fertilising	MD	2	1500	3000
Pest Management	MD	7	1500	10500
Harvesting	MD	7	1500	10500

Lunch	25	300	7500
SUBTOTAL			<u>\$62,500</u>

Material Inputs			
Planting Material			1500
Fertiliser			13200
Insecticide			3000
Fungicide			1000
Herbicide			3500

SUBTOTAL			<u>\$22,200</u>
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Other Costs			
Transportation (10 percent of material)			2220
Contingencies (10 percent of labour and material)			8470
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			12705
SUBTOTAL			<u>\$35,395</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$120,095</u>

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

St. MARY

Parish	St. Mary
Extension Area	Highgate
Crop	HOT PEPPER (WI RED)
Crop Maturity	4 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,136
Cost of Production \$/Kg	\$64

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	CW	9	2000	18000
Maintain Trench	MD	3	1500	4500
Planting	MD	4	1500	6000
Pest Management	MD	16	1500	24000
Fertilising	MD	4	1500	6000
Weeding	MD	8	1500	12000
Harvesting	MD	69	1500	103500

Lunch	114	300	34200
SUBTOTAL			<u>\$223,200</u>

Material Inputs			
Planting Material			3200
Fertiliser			30000
Insecticide			15000
Fungicide			7500
Herbicide			2500

SUBTOTAL			<u>\$58,200</u>
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Other Costs			
Transportation (10 percent of material)			5820
Contingencies (10 percent of labour and material)			28140
**Tools discounted for 5 years			27000
Land Charges per crop cycle			10000
Supervision			42210
SUBTOTAL			<u>\$113,170</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$394,570</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	CABBAGE
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1500	30000
Ploughing	MD	35	1500	52500
Furrowing	MD	26	1500	39000
Maintain Trench	MD	5	1500	7500
Planting	MD	18	1500	27000
Pest Management	MD	16	1500	24000
Weeding	MD	2	1500	3000
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch	141	300	42300
SUBTOTAL			<u>\$253,800</u>

Material Inputs			
Planting Material			14000
Fertiliser			35000
Insecticide			25000
Fungicide			20000
Herbicide			5000

SUBTOTAL			<u>\$99,000</u>
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Other Costs			
Transportation (10 percent of material)			9900
Contingencies (10 percent of labour and material)			35280
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			52920
SUBTOTAL			<u>\$110,100</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$462,900</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	RED PEA
Crop Maturity	2.5 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,409
Cost of Production \$/Kg	\$100

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Ploughing	MD	10	1500	15000
Furrowing	MD	8	1500	12000
Maintain Trench	MD	3	1500	4500
Planting	MD	10	1500	15000
Pest Management	MD	10	1500	15000
Weeding	MD	16	1500	24000
Fertilising	MD	2	1500	3000
Harvesting	MD	28	1500	42000

Lunch	102	300	30600
SUBTOTAL			<u>\$183,600</u>

Material Inputs			
Planting Material			8000
Fertiliser			30000
Insecticide			16000
Fungicide			15000
Herbicide			4000

SUBTOTAL			<u>\$73,000</u>
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Other Costs			
Transportation (10 percent of material)			7300
Contingencies (10 percent of labour and material)			25660
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			38490
SUBTOTAL			<u>\$83,450</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$340,050</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	MD	23	1500	34500
Maintain Trench	MD	7	1500	10500
Prepare Planting Material	MD	2	1500	3000
Planting	MD	8	1500	12000
Pest Management	MD	12	1500	18000
Weeding	MD	20	1500	30000
Fertilising	MD	2	1500	3000
Harvesting	MD	20	1500	30000

Lunch	96	300	28800
SUBTOTAL			<u>\$172,800</u>

Material Inputs			
*Planting Material (5yr depr.)			2500
Fertiliser			14400
Insecticide			10000
Fungicide			7000
Herbicide			3800

SUBTOTAL			<u>\$37,700</u>
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Other Costs			
Transportation (10 percent of material)			3770
Contingencies (10 percent of labour and material)			21050
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			31575
SUBTOTAL			<u>\$68,395</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$278,895</u>

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

St. MARY

Parish	St. Mary
Extension Area	Gayle
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,364
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1200	3600
Ploughing	tractor	6	2500	15000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	3	2500	7500
Maintain Trench	MD	5	1200	6000
Planting	MD	10	1200	12000
Pest Management	MD	16	1200	19200
Weeding	MD	10	1200	12000
Fertilising	MD	1	1200	1200
Harvesting	MD	30	1200	36000
Lunch		90	300	27000
SUBTOTAL				<u>\$154,500</u>
Material Inputs				
Planting Material				66000
Fertiliser				49400
Insecticide				8000
Fungicide				12500
Herbicide				3500
SUBTOTAL				<u>\$139,400</u>
Other Costs				
Transportation (10 percent of material)				13940
Contingencies (10 percent of labour and material)				29390
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				44085
SUBTOTAL				<u>\$99,415</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$393,315</u>

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

St. MARY

Parish	St. Mary
Extension Area	Gayle
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$35

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1200	2400
Ploughing	tractor	6	2500	15000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Maintain Trench	MD	3	1200	3600
Planting	MD	3	1200	3600
Pest Management	MD	12	1200	14400
Weeding	MD	10	1200	12000
Fertilising	MD	2	1200	2400
Harvesting	MD	12	1200	14400

Lunch	60	300	18000
SUBTOTAL			<u>\$110,800</u>

Material Inputs			
Planting Material			1600
Fertiliser			15800
Insecticide			21000
Fungicide			25000
Herbicide			3000

SUBTOTAL			<u>\$66,400</u>
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Other Costs			
Transportation (10 percent of material)			6640
Contingencies (10 percent of labour and material)			17720
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			26580
SUBTOTAL			<u>\$62,940</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$240,140</u>

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

St. MARY

Parish	St. Mary
Extension Area	Annotto Bay
Crop	HORSE PLANTAIN
Crop Maturity	12 Months
Reaping Period	Indefinite
Planting Distance in cm (l x w)	120cm x 300cm
Planting Density @ 0.4 hectare	1089
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1300	5200
Ploughing	tractor	6	2500	15000
Harrowing	tractor	3	2500	7500
Maintain Trench	MD	4	1300	5200
Prepare Planting Material	MD	1	1300	1300
Planting	MD	2	1300	2600
Pest Management	MD	1	1300	1300
Weeding	MD	3	1300	3900
Fertilising	MD	2	1300	2600
Harvesting	MD	15	1300	19500
Lunch		41	300	12300
SUBTOTAL				<u>\$76,400</u>
Material Inputs				
*Planting Material (5yr depr.)				2000
Fertiliser				12000
Fungicide				3500
Herbicide				1100
SUBTOTAL				<u>\$18,600</u>
Other Costs				
Transportation (10 percent of material)				1860
Contingencies (10 percent of labour and material)				9500
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				14250
SUBTOTAL				<u>\$37,610</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$132,610</u>

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

St. MARY

Parish	St. Mary
Extension Area	Annotto Bay
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	3.5 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	3,864
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1300	6500
Ploughing	tractor	6	2500	15000
Maintain Trench	MD	3	1300	3900
Planting	MD	2	1300	2600
Weeding	MD	3	1300	3900
Pest Management	MD	3	1300	3900
Fertilising	MD	1	1300	1300
Harvesting	MD	3	1300	3900
Pest Management	MD	3	1300	3900
Fertilising	MD	1	1300	1300
Harvesting	MD	8	1300	10400

Lunch	32	300	9600
SUBTOTAL			<u>\$66,200</u>

Material Inputs			
Planting Material			1500
Fertiliser			5000
Insecticide			3500
Fungicide			4000
Herbicide			2600

SUBTOTAL			<u>\$16,600</u>
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Other Costs			
Transportation (10 percent of material)			1660
Contingencies (10 percent of labour and material)			8280
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			12420
SUBTOTAL			<u>\$34,360</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$117,160</u>

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

St. MARY

Parish	St. Mary
Extension Area	Oracabessa
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1300	7800
Ploughing	MD	14	1300	18200
Maintain Trench	MD	2	1300	2600
Nursery Operations	MD	3	1300	3900
Transplanting	MD	24	1300	31200
Pest Management	MD	15	1300	19500
Weeding	MD	12	1300	15600
Fertilising	MD	2	1300	2600
Harvesting	MD	16	1300	20800

Lunch	94	300	28200
SUBTOTAL			<u>\$150,400</u>

Material Inputs			
Planting Material			12400
Fertiliser			39600
Insecticide			18000
Fungicide			9000
Herbicide			5600
Potting Mixture			200

SUBTOTAL			<u>\$84,800</u>
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Other Costs			
Transportation (10 percent of material)			8480
Contingencies (10 percent of labour and material)			23520
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			35280
SUBTOTAL			<u>\$79,280</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$314,480</u>

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

St. MARY

Parish	St. Mary
Extension Area	Oracabessa
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	30cm x 150cm
Planting Density @ 0.4 hectare	8712
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1300	6500
Ploughing	MD	15	1300	19500
Maintain Trench	MD	4	1300	5200
Nursery Operations	MD	3	1300	3900
Transplanting	MD	9	1300	11700
Pest Management	MD	12	1300	15600
Weeding	MD	10	1300	13000
Fertilising	MD	2	1300	2600
Harvesting	MD	26	1300	33800

Lunch	86	300	25800
SUBTOTAL			<u>\$137,600</u>
Material Inputs			
Planting Material			4400
Fertiliser			18000
Insecticide			20000
Fungicide			16000
Herbicide			2200
Potting Mixture			5000
Seed Trays			1200
SUBTOTAL			<u>\$66,800</u>
Other Costs			
Transportation (10 percent of material)			6680
Contingencies (10 percent of labour and material)			20440
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			30660
SUBTOTAL			<u>\$69,780</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$274,180</u>

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

St. MARY

Parish	St. Mary
Extension Area	Oracabessa
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1300	3900
Ploughing	MD	30	1300	39000
Maintain Trench	MD	4	1300	5200
Nursery Operations	MD	2	1300	2600
Prepare Planting Material	MD	6	1300	7800
Transplanting	MD	12	1300	15600
Stake and Tie	MD	24	1300	31200
Pest Management	MD	15	1300	19500
Weeding	MD	4	1300	5200
Fertilising	MD	2	1300	2600
Harvesting	MD	16	1300	20800

Lunch	118	300	35400
SUBTOTAL			<u>\$188,800</u>

Material Inputs			
Planting Material			3000
Fertiliser			25000
Insecticide			13000
Fungicide			9500
Herbicide			2400
Potting Mixture			2000
Seed Trays			3000

SUBTOTAL			<u>\$57,900</u>
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Other Costs			
Transportation (10 percent of material)			5790
Contingencies (10 percent of labour and material)			24670
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			37005
SUBTOTAL			<u>\$79,465</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$326,165</u>

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

St. MARY

Parish	St. Mary
Extension Area	Highgate
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116000
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	1,818
Cost of Production \$/Kg	\$84

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	MD	10	1500	15000
Maintain Trench	MD	2	1500	3000
Planting	MD	2	1500	3000
Fertilising	MD	2	1500	3000
Harvesting	MD	27	1500	40500

Lunch	50	300	15000
SUBTOTAL			<u>\$90,000</u>

Material Inputs			
Planting Material			6600
Fertiliser			12500
Herbicide			2200

SUBTOTAL			<u>\$21,300</u>
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Other Costs			
Transportation (10 percent of material)			2130
Contingencies (10 percent of labour and material)			11130
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			16695
SUBTOTAL			<u>\$41,955</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$153,255</u>

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

St. MARY

Parish	St. Mary
Extension Area	Highgate
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$78

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Dig Holes	MD	6	1500	9000
Maintain Trench	MD	3	1500	4500
Lining Irrigation Hose	MD	3	1500	4500
Planting	MD	8	1500	12000
Stake and Tie	MD	32	1500	48000
Fertilising	MD	5	1500	7500
Pest Management	MD	14	1500	21000
Weeding	MD	15	1500	22500
Harvesting	MD	12	1500	18000
Lunch		103	300	30900
SUBTOTAL				<u>\$185,400</u>
Material Inputs				
Planting Material				22000
Fertiliser				25000
Insecticide				4500
Fungicide				3200
Herbicide				1150
Water				12500
SUBTOTAL				<u>\$68,350</u>
Other Costs				
Transportation (10 percent of material)				6835
Contingencies (10 percent of labour and material)				25375
**Tools discounted for 5 years				27000
Land Charges per crop cycle				5000
Supervision				38063
SUBTOTAL				<u>\$102,273</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$356,023</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	IRISH POTATO
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$55

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	18	1500	27000
Ploughing	MD	30	1500	45000
Furrowing	MD	20	1500	30000
Maintain Trench	MD	5	1500	7500
Planting	MD	10	1500	15000
Pest Management	MD	9	1500	13500
Weeding	MD	10	1500	15000
Fertilising	MD	1	1500	1500
Harvesting	MD	24	1500	36000

Lunch	127	300	38100
SUBTOTAL			<u>\$228,600</u>

Material Inputs			
Planting Material			66000
Fertiliser			55000
Insecticide			20000
Fungicide			6000
Herbicide			3500

SUBTOTAL			<u>\$150,500</u>
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Other Costs			
Transportation (10 percent of material)			15050
Contingencies (10 percent of labour and material)			37910
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			56865
SUBTOTAL			<u>\$121,825</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$500,925</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	SWEET PEPPER
Crop Maturity	2.5 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$70

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1500	30000
Ploughing	MD	38	1500	57000
Furrowing	MD	26	1500	39000
Maintain Trench	MD	3	1500	4500
Nursery Operations	MD	12	1500	18000
Transplanting	MD	10	1500	15000
Pest Management	MD	18	1500	27000
Weeding	MD	10	1500	15000
Fertilising	MD	5	1500	7500
Harvesting	MD	25	1500	37500

Lunch	167	300	50100
SUBTOTAL			<u>\$300,600</u>

Material Inputs			
Planting Material			36000
Fertiliser			48000
Insecticide			45000
Fungicide			35000
Herbicide			3600
Potting Mixture			6000
Seed Trays			7500

SUBTOTAL			<u>\$181,100</u>
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Other Costs			
Transportation (10 percent of material)			18110
Contingencies (10 percent of labour and material)			48170
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			72255
SUBTOTAL			<u>\$150,535</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$632,235</u>

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

St. MARY

Parish	St. Mary
Extension Area	Carron hall
Crop	TOMATO (SLICING)
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance in cm (l x w)	30cm x 120cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	13	1500	19500
Dig Holes	MD	5	1500	7500
Harrowing	MD	15	1500	22500
Stake and Tie	MD	10	1500	15000
Planting	MD	9	1500	13500
Pest Management	MD	8	1500	12000
Weeding	MD	18	1500	27000
Fertilising	MD	2	1500	3000
Harvesting	MD	35	1500	52500

Lunch	115	300	34500
SUBTOTAL			<u>\$207,000</u>

Material Inputs			
Planting Material			25000
Fertiliser			35000
Insecticide			25000
Fungicide			25000
Herbicide			5000

SUBTOTAL			<u>\$115,000</u>
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Other Costs			
Transportation (10 percent of material)			11500
Contingencies (10 percent of labour and material)			32200
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			48300
SUBTOTAL			<u>\$104,000</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$426,000</u>

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

St. MARY

Parish	St. Mary
Extension Area	Gayle
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	12,727
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1200	3600
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	3	2500	7500
Nursery Operations	MD	5	1200	6000
Transplanting	MD	12	1200	14400
Pest Management	MD	16	1200	19200
Weeding	MD	12	1200	14400
Fertilising	MD	1	1200	1200
Harvesting	MD	18	1200	21600
Lunch		78	300	23400
SUBTOTAL				<u>\$131,300</u>
Material Inputs				
Planting Material				27500
Fertiliser				27400
Insecticide				32000
Fungicide				28000
Herbicide				3300
SUBTOTAL				<u>\$118,200</u>
Other Costs				
Transportation (10 percent of material)				11820
Contingencies (10 percent of labour and material)				24950
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				37425
SUBTOTAL				<u>\$86,195</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$335,695</u>

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

St. MARY

Parish	St. Mary
Extension Area	Gayle
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1200	3600
Ploughing	tractor	6	2500	15000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Maintain Trench	MD	5	1200	6000
Prepare Planting Material	MD	4	1200	4800
Planting	MD	20	1200	24000
Pest Management	MD	8	1200	9600
Weeding	MD	10	1200	12000
Fertilising	MD	2	1200	2400
Harvesting	MD	30	1200	36000

Lunch	98	300	29400
SUBTOTAL			<u>\$167,800</u>

Material Inputs			
*Planting Material (5yr depr.)			2200
Fertiliser			25000
Insecticide			14500
Fungicide			6700
Herbicide			3000

SUBTOTAL			<u>\$51,400</u>
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Other Costs			
Transportation (10 percent of material)			5140
Contingencies (10 percent of labour and material)			21920
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			32880
SUBTOTAL			<u>\$71,940</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$291,140</u>

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

St. MARY

Parish	St. Mary
Extension Area	Gayle
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 60cm
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1200	2400
Ploughing	tractor	6	2500	15000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Nursery Operations	MD	5	1200	6000
Transplanting	MD	13	1200	15600
Pest Management	MD	24	1200	28800
Weeding	MD	6	1200	7200
Fertilising	MD	1	1200	1200
Harvesting	MD	34	1200	40800

Lunch	101	300	30300
SUBTOTAL			<u>\$172,300</u>

Material Inputs			
Planting Material			15000
Fertiliser			50000
Insecticide			26000
Fungicide			13500
Herbicide			10000

SUBTOTAL			<u>\$114,500</u>
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Other Costs			
Transportation (10 percent of material)			11450
Contingencies (10 percent of labour and material)			28680
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			43020
SUBTOTAL			<u>\$95,150</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$381,950</u>

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

St. MARY

Parish	St. Mary
Extension Area	Annotto Bay
Crop	PAW-PAW
Crop Maturity	9 Months
Reaping Period	2 Years
Planting Distance in cm (l x w)	150cm x 150cm
Planting Density @ 0.4 hectare	1742
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	18,182
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1300	5200
Ploughing	tractor	6	2500	15000
Harrowing	tractor	3	2500	7500
Lining Irrigation Hose	MD	2	1300	2600
Maintain Trench	MD	4	1300	5200
Nursery Operations	MD	2	1300	2600
Prepare Planting Material	MD	2	1300	2600
Transplanting	MD	3	1300	3900
Pest Management	MD	27	1300	35100
Fertilising	MD	1	1300	1300
Harvesting	MD	104	1300	135200

Lunch	149	300	44700
SUBTOTAL			<u>\$260,900</u>

Material Inputs			
*Planting Material (2yr depr.)			5000
Fertiliser			12000
Insecticide			65000
Fungicide			25000
Herbicide			4500

SUBTOTAL			<u>\$111,500</u>
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Other Costs			
Transportation (10 percent of material)			11150
Contingencies (10 percent of labour and material)			37240
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			55860
SUBTOTAL			<u>\$136,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$508,650</u>

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

St. MARY

Parish	St. Mary
Extension Area	Annotto Bay
Crop	HOT PEPPER (WI RED)
Crop Maturity	3.5 Months
Reaping Period	5 Months
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$80

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1300	15600
Ploughing	tractor	6	2500	15000
Harrowing	MD	5	1300	6500
Furrowing	MD	5	1300	6500
Maintain Trench	MD	3	1300	3900
Planting	MD	3	1300	3900
Pest Management	MD	25	1300	32500
Weeding	MD	12	1300	15600
Fertilising	MD	2	1300	2600
Harvesting	MD	48	1300	62400

Lunch	115	300	34500
SUBTOTAL			<u>\$199,000</u>

Material Inputs			
Planting Material			54000
Fertiliser			25000
Insecticide			26000
Fungicide			22000
Herbicide			5000

SUBTOTAL			<u>\$132,000</u>
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Other Costs			
Transportation (10 percent of material)			13200
Contingencies (10 percent of labour and material)			33100
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			49650
SUBTOTAL			<u>\$107,950</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$438,950</u>

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

St. MARY

Parish	St. Mary
Extension Area	Oracabessa
Crop	WATERMELON
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	150cm x 150cm
Planting Density @ 0.4 hectare	1742
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$27

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1300	6500
Ploughing	tractor	6	2500	15000
Nursery Operations	MD	2	1300	2600
Transplanting	MD	6	1300	7800
Pest Management	MD	4	1300	5200
Weeding	MD	2	1300	2600
Fertilising	MD	1	1300	1300
Harvesting	MD	6	1300	7800

Lunch	26	300	7800
SUBTOTAL			<u>\$56,600</u>
Material Inputs			
Planting Material			7000
Fertiliser			12000
Insecticide			11000
Fungicide			6800
Herbicide			3560
Potting Mixture			4000
Seed Trays			4800
SUBTOTAL			<u>\$49,160</u>
Other Costs			
Transportation (10 percent of material)			4916
Contingencies (10 percent of labour and material)			10576
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			15864
SUBTOTAL			<u>\$43,356</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$149,116</u>

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

St. MARY

Parish	St. Mary
Extension Area	Oracabessa
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	240cm x 240cm
Planting Density @ 0.4 hectare	681
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1300	7800
Ploughing	MD	15	1300	19500
Maintain Trench	MD	4	1300	5200
Nursery Operations	MD	1	1300	1300
Transplanting	MD	1	1300	1300
Pest Management	MD	7	1300	9100
Weeding	MD	10	1300	13000
Fertilising	MD	1	1300	1300
Harvesting	MD	24	1300	31200

Lunch	69	300	20700
SUBTOTAL			<u>\$110,400</u>

Material Inputs			
Planting Material			2500
Fertiliser			21000
Insecticide			12000
Fungicide			3500
Herbicide			2400
Potting Mixture			2000
Seed Trays			1200

SUBTOTAL			<u>\$44,600</u>
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Other Costs			
Transportation (10 percent of material)			4460
Contingencies (10 percent of labour and material)			15500
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			23250
SUBTOTAL			<u>\$55,210</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$210,210</u>

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

Back	Home	Forward
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Parish	St. Thomas
Extension Area	Trinityville
Crop	CALLALOO
Crop Maturity	2 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	5	2500	12500
Furrowing	MD	12	1500	18000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	12	1500	18000
Pest Management	MD	4	1500	6000
Weeding	MD	20	1500	30000
Fertilising	MD	4	1500	6000
Harvesting	MD	35	1500	52500

Lunch	103	300	30900
SUBTOTAL			<u>\$190,400</u>

Material Inputs			
Planting Material			2000
Fertiliser			43000
Insecticide			9000
Herbicide			4000
Water			5000

SUBTOTAL			<u>\$63,000</u>
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Other Costs			
Transportation (10 percent of material)			6300
Contingencies (10 percent of labour and material)			25340
**Tools discounted for 5 years			27000
Land Charges per crop cycle			1500
Supervision			38010
SUBTOTAL			<u>\$98,150</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$351,550</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Trinityville
Crop	CARROT
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	MD	25	1500	37500
Maintain Trench	MD	5	1500	7500
Planting	MD	1	1500	1500
Pest Management	MD	2	1500	3000
Weeding	MD	15	1500	22500
Fertilising	MD	2	1500	3000
Harvesting	MD	20	1500	30000

Lunch	74	300	22200
SUBTOTAL			<u>\$133,200</u>

Material Inputs			
Planting Material			7525
Fertiliser			5000
Insecticide			3600
Herbicide			4300

SUBTOTAL			<u>\$20,425</u>
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Other Costs			
Transportation (10 percent of material)			2043
Contingencies (10 percent of labour and material)			15363
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1500
Supervision			23044
SUBTOTAL			<u>\$48,949</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$202,574</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Yallahs
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$42

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Planting	MD	5	1500	7500
Pest Management	MD	25	1500	37500
Weeding	CW	8	2000	16000
Fertilising	MD	4	1500	6000
Harvesting	MD	12	1500	18000

Lunch	56	300	16800
SUBTOTAL			<u>\$141,800</u>

Material Inputs			
Planting Material			2000
Fertiliser			32000
Insecticide			15000
Herbicide			7000
Water			5000

SUBTOTAL			<u>\$61,000</u>
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Other Costs			
Transportation (10 percent of material)			6100
Contingencies (10 percent of labour and material)			20280
**Tools discounted for 5 years			27000
Land Charges per crop cycle			3000
Supervision			30420
SUBTOTAL			<u>\$86,800</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$289,600</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Yallahs
Crop	OKRA
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	20	1500	30000
Pest Management	MD	14	1500	21000
Weeding	MD	16	1500	24000
Fertilising	MD	2	1500	3000
Harvesting	MD	24	1500	36000
Lunch		87	300	26100
SUBTOTAL				<u>\$181,600</u>
Material Inputs				
Planting Material				1000
Fertiliser				34000
Insecticide				15000
Herbicide				1850
Water				8000
Stakes				15000
SUBTOTAL				<u>\$74,850</u>
Other Costs				
Transportation (10 percent of material)				7485
Contingencies (10 percent of labour and material)				25645
**Tools discounted for 5 years				27000
Land Charges per crop cycle				3000
Supervision				38468
SUBTOTAL				<u>\$101,598</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$358,048</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Cedar valley
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	3,409
Cost of Production \$/Kg	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	18	1200	21600
Ploughing	MD	30	1200	36000
Planting	MD	1	1200	1200
Weeding	MD	10	1200	12000
Fertilising	MD	1	1200	1200
Harvesting	MD	15	1200	18000

Lunch	44	400	17600
SUBTOTAL			<u>\$107,600</u>

Material Inputs			
Planting Material			6900
Fertiliser			5300
Insecticide			5000
Fungicide			3500
Herbicide			2600

SUBTOTAL			<u>\$23,300</u>
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Other Costs			
Transportation (10 percent of material)			2330
Contingencies (10 percent of labour and material)			13090
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			19635
SUBTOTAL			<u>\$45,055</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$175,955</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Cedar valley
Crop	STRING BEAN
Crop Maturity	1.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	1,136
Cost of Production \$/Kg	\$205

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1200	24000
Ploughing	MD	32	1200	38400
Planting	MD	4	1200	4800
Weeding	MD	21	1200	25200
Fertilising	MD	1	1200	1200
Pest Management	MD	6	1200	7200
Harvesting	MD	9	1200	10800

Lunch	93	400	37200
SUBTOTAL			<u>\$148,800</u>

Material Inputs			
Planting Material			3500
Fertiliser			12500
Insecticide			7500
Fungicide			1440
Herbicide			2600

SUBTOTAL			<u>\$27,540</u>
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Other Costs			
Transportation (10 percent of material)			2754
Contingencies (10 percent of labour and material)			17634
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			26451
SUBTOTAL			<u>\$56,839</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$233,179</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	TOMATO (SLICING)
Crop Maturity	4 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1200	24000
Ploughing	MD	25	1200	30000
Lining Irrigation Hose	MD	2	1200	2400
Planting	MD	3	1200	3600
Pest Management	MD	10	1200	12000
Weeding	MD	24	1200	28800
Harvesting	MD	60	1200	72000

Lunch	144	400	57600
SUBTOTAL			<u>\$230,400</u>

Material Inputs			
Planting Material			2400
Fertiliser			15000
Insecticide			4000
Fungicide			3500
Herbicide			4000

SUBTOTAL			<u>\$28,900</u>
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Other Costs			
Transportation (10 percent of material)			2890
Contingencies (10 percent of labour and material)			25930
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			38895
SUBTOTAL			<u>\$77,715</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$337,015</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	10,000
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1200	1200
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	4	1200	4800
Prepare Planting Material	MD	2	1200	2400
Planting	MD	9	1200	10800
Pest Management	MD	3	1200	3600
Weeding	MD	15	1200	18000
Fertilising	MD	7	1200	8400
Harvesting	MD	32	1200	38400
Lunch		73	400	29200
SUBTOTAL				<u>\$136,800</u>
Material Inputs				
*Planting Material (5 yr depr.)				2500
Fertiliser				35000
Insecticide				15000
Fungicide				14000
Herbicide				4500
Water				3000
SUBTOTAL				<u>\$74,000</u>
Other Costs				
Transportation (10 percent of material)				7400
Contingencies (10 percent of labour and material)				21080
**Tools discounted for 5 years				27000
Land Charges per crop cycle				3000
Supervision				31620
SUBTOTAL				<u>\$90,100</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$300,900</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	CALLALOO
Crop Maturity	1.5 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,364
Cost of Production \$/Kg	\$48

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1200	18000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	3	1200	3600
Dig Holes/Plant	MD	15	1200	18000
Pest Management	MD	2	1200	2400
Weeding	MD	20	1200	24000
Fertilising	MD	5	1200	6000
Harvesting	MD	12	1200	14400

Lunch	72	400	28800
SUBTOTAL			<u>\$135,200</u>

Material Inputs			
Planting Material			2100
Fertiliser			39000
Insecticide			13000
Fungicide			7000
Herbicide			8000
Water			8000

SUBTOTAL			<u>\$77,100</u>
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Other Costs			
Transportation (10 percent of material)			7710
Contingencies (10 percent of labour and material)			21230
**Tools discounted for 5 years			27000
Land Charges per crop cycle			3000
Supervision			31845
SUBTOTAL			<u>\$90,785</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$303,085</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	GUNGO PEA
Crop Maturity	3.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	180cm x 180cm
Planting Density @ 0.4 hectare	1210
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	1,591
Cost of Production \$/Kg	\$115

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1200	6000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	2500	10000
Planting	MD	4	1200	4800
Pest Management	MD	4	1200	4800
Weeding	MD	3	1200	3600
Harvesting	MD	30	1200	36000

Lunch	46	400	<u>18400</u>
SUBTOTAL			<u><u>\$93,600</u></u>

Material Inputs			
Planting Material			200
Fertiliser			12000
Insecticide			15000
Fungicide			8000
Herbicide			6000

SUBTOTAL			<u><u>\$41,200</u></u>
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Other Costs			
Transportation (10 percent of material)			4120
Contingencies (10 percent of labour and material)			13480
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			20220
SUBTOTAL			<u><u>\$47,820</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$182,620</u></u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Trinityville
Crop	CABBAGE
Crop Maturity	2.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$25

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	3	1500	4500
Transplanting	MD	14	1500	21000
Pest Management	MD	10	1500	15000
Weeding	MD	13	1500	19500
Fertilising	MD	4	1500	6000
Harvesting	MD	14	1500	21000
Lunch		72	300	21600
SUBTOTAL				<u>\$139,600</u>
Material Inputs				
Planting Material				4800
Fertiliser				20000
Insecticide				19000
Herbicide				6750
Water				6000
SUBTOTAL				<u>\$56,550</u>
Other Costs				
Transportation (10 percent of material)				5655
Contingencies (10 percent of labour and material)				19615
**Tools discounted for 5 years				27000
Land Charges per crop cycle				1500
Supervision				29423
SUBTOTAL				<u>\$83,193</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$279,343</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Trinityville
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	90cm x 120cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$90

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Maintain Trench	MD	4	1500	6000
Planting	MD	5	1500	7500
Pest Management	MD	16	1500	24000
Weeding	MD	5	1500	7500
Fertilising	MD	10	1500	15000
Harvesting	MD	80	1500	120000

Lunch	126	300	37800
SUBTOTAL			<u>\$266,800</u>

Material Inputs			
Planting Material			70000
Fertiliser			60000
Insecticide			20000
Fungicide			16000
Herbicide			3500
Water			14000

SUBTOTAL			<u>\$183,500</u>
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Other Costs			
Transportation (10 percent of material)			18350
Contingencies (10 percent of labour and material)			45030
**Tools discounted for 5 years			27000
Land Charges per crop cycle			3000
Supervision			67545
SUBTOTAL			<u>\$160,925</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$611,225</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Yallahs
Crop	TOMATO (PLUMMY)
Crop Maturity	1.5 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	6	2500	15000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	20	1500	30000
Stake and Tie	MD	30	2000	60000
Pest Management	MD	32	1500	48000
Weeding	MD	8	1500	12000
Fertilising	MD	3	1500	4500
Harvesting	MD	24	1500	36000
Lunch		128	300	38400
SUBTOTAL				<u>\$270,400</u>
Material Inputs				
Planting Material				1000
Fertiliser				34000
Insecticide				15000
Herbicide				1850
Water				8000
Stakes				15000
SUBTOTAL				<u>\$74,850</u>
Other Costs				
Transportation (10 percent of material)				7485
Contingencies (10 percent of labour and material)				34525
**Tools discounted for 5 years				27000
Land Charges per crop cycle				3000
Supervision				51788
SUBTOTAL				<u>\$123,798</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$469,048</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Yallahs
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$94

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Ploughing	tractor	8	2500	20000
Harrowing	tractor	5	2500	12500
Lining Irrigation Hose	MD	4	1500	6000
Nursery Operations	MD	4	1500	6000
Transplanting	MD	18	1500	27000
Pest Management	MD	12	1500	18000
Weeding	MD	10	1500	15000
Fertilising	MD	5	1500	7500
Harvesting	MD	24	1500	36000
Lunch		84	300	25200
SUBTOTAL				<u>\$183,700</u>
Material Inputs				
Planting Material				60000
Fertiliser				42000
Insecticide				28000
Fungicide				17200
Water				31000
Seed Trays				7500
Herbicide				2600
SUBTOTAL				<u>\$188,300</u>
Other Costs				
Transportation (10 percent of material)				18830
Contingencies (10 percent of labour and material)				37200
**Tools discounted for 5 years				27000
Land Charges per crop cycle				3000
Supervision				55800
SUBTOTAL				<u>\$141,830</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$513,830</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Cedar valley
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,591
Cost of Production \$/Kg	\$35

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1200	14400
Ploughing	MD	17	1200	20400
Furrowing	MD	12	1200	14400
Nursery Operations	MD	10	1200	12000
Transplanting	MD	1	1200	1200
Pest Management	MD	15	1200	18000
Weeding	MD	15	1200	18000
Fertilising	MD	1	1200	1200
Harvesting	MD	24	1200	28800

Lunch	78	400	31200
SUBTOTAL			<u>\$159,600</u>

Material Inputs			
Planting Material			1200
Fertiliser			8500
Insecticide			4600

SUBTOTAL			<u>\$14,300</u>
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Other Costs			
Transportation (10 percent of material)			1430
Contingencies (10 percent of labour and material)			17390
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			26085
SUBTOTAL			<u>\$54,905</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$228,805</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Cedar valley
Crop	GUNGO PEA
Crop Maturity	6 Months
Reaping Period	2 Years
Planting Distance in cm (l x w)	210cm x 150cm
Planting Density @ 0.4 hectare	1245
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	682
Cost of Production \$/Kg	\$387

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1200	24000
Ploughing	MD	18	1200	21600
Planting	MD	4	1200	4800
Weeding	MD	40	1200	48000
Fertilising	MD	1	1200	1200
Pest Management	MD	6	1200	7200
Harvesting	MD	20	1200	24000

Lunch	109	400	43600
SUBTOTAL			<u>\$174,400</u>

Material Inputs			
Planting Material			1600
Fertiliser			15000
Insecticide			7500
Herbicide			2500

SUBTOTAL			<u>\$26,600</u>
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Other Costs			
Transportation (10 percent of material)			2660
Contingencies (10 percent of labour and material)			20100
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			30150
SUBTOTAL			<u>\$62,910</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$263,910</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	150cm x 60cm
Planting Density @ 0.4 hectare	2904
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$29

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1200	1200
Ploughing	tractor	4	2500	10000
Harrowing	tractor	2	2500	5000
Lining Irrigation Hose	MD	2	1200	2400
Planting	MD	4	1200	4800
Pest Management	MD	6	1200	7200
Weeding	MD	8	1200	9600
Fertilising	MD	1	1200	1200
Harvesting	MD	36	1200	43200

Lunch	58	400	23200
SUBTOTAL			<u>\$107,800</u>

Material Inputs			
Planting Material			2000
Fertiliser			12000
Insecticide			4000
Fungicide			3000
Herbicide			1200
Water			3000

SUBTOTAL			<u>\$25,200</u>
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Other Costs			
Transportation (10 percent of material)			2520
Contingencies (10 percent of labour and material)			13300
**Tools discounted for 5 years			27000
Land Charges per crop cycle			3000
Supervision			19950
SUBTOTAL			<u>\$65,770</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$198,770</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	PUMPKIN (BODLES GLOBE)
Crop Maturity	4 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	300cm x 300cm
Planting Density @ 0.4 hectare	436
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	13,636
Cost of Production \$/Kg	\$23

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1200	1200
Ploughing	tractor	6	2500	15000
Harrowing	tractor	6	2500	15000
Make Mounds	MD	15	1200	18000
Planting	MD	4	1200	4800
Pest Management	MD	9	1200	10800
Weeding	MD	16	1200	19200
Fertilising	MD	3	1200	3600
Harvesting	MD	40	1200	48000

Lunch	88	400	35200
SUBTOTAL			<u>\$170,800</u>

Material Inputs			
Planting Material			7200
Fertiliser			39000
Insecticide			8000
Fungicide			7000
Herbicide			8000

SUBTOTAL			<u>\$69,200</u>
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Other Costs			
Transportation (10 percent of material)			6920
Contingencies (10 percent of labour and material)			24000
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3000
Supervision			36000
SUBTOTAL			<u>\$76,920</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$316,920</u>

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

St. THOMAS

Parish	St. Thomas
Extension Area	Seaforth
Crop	SORREL (BASHMENT)
Crop Maturity	3.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 45cm
Planting Density @ 0.4 hectare	5808
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	1,455
Cost of Production \$/Kg	\$277

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1200	6000
Ploughing	tractor	4	2500	10000
Harrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	4	1200	4800
Planting	MD	5	1200	6000
Pest Management	MD	3	1200	3600
Weeding	MD	30	1200	36000
Fertilising	MD	7	1200	8400
Harvesting	MD	44	1200	52800
Lunch		98	400	39200
SUBTOTAL				<u>\$176,800</u>
Material Inputs				
Planting Material				3000
Fertiliser				35000
Insecticide				18000
Fungicide				14000
Herbicide				8000
Water				35000
SUBTOTAL				<u>\$113,000</u>
Other Costs				
Transportation (10 percent of material)				11300
Contingencies (10 percent of labour and material)				28980
**Tools discounted for 5 years				27000
Land Charges per crop cycle				3000
Supervision				43470
SUBTOTAL				<u>\$113,750</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$403,550</u>

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

MANCHESTER

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Parish	Manchester
Extension Area	Christiana
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14,520
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$79

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	tractor	1	10000	10000
Harrowing	tractor	1	10000	10000
Furrowing	tractor	1	10000	10000
Prepare Planting Material	MD	3	1500	4500
Planting	MD	6	1500	9000
Pest Management	MD	20	1500	30000
Moulding	MD	10	1500	15000
Fertilising	MD	4	1500	6000
Harvesting	MD	28	1500	42000

Lunch	77	500	38500
SUBTOTAL			<u>\$182,500</u>

Material Inputs			
Planting Material			58500
Fertiliser			50000
Insecticide			12000
Fungicide			16000
Herbicide			4500

SUBTOTAL			<u>\$141,000</u>
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Other Costs			
Transportation (10 percent of material)			14100
Contingencies (10 percent of labour and material)			32350
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			48525
SUBTOTAL			<u>\$106,975</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$430,475</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,200
Cost of Production \$/Kg	\$33

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	1500	9000
Ploughing	MD	10	1500	15000
Harrowing	MD	8	1500	12000
Furrowing	MD	8	1500	12000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	20	1500	30000
Pest Management	MD	12	1500	18000
Weeding	MD	20	1500	30000
Fertilising	MD	2	1500	3000
Harvesting	MD	15	1500	22500

Lunch		106	500	53000
SUBTOTAL				<u>\$212,000</u>

Material Inputs				
Planting Material				14000
Fertiliser				8500
Insecticide				15000
Fungicide				7600
Herbicide				2500

SUBTOTAL				<u>\$47,600</u>
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Other Costs				
Transportation (10 percent of material)				4760
Contingencies (10 percent of labour and material)				25960
**Tools discounted for 5 years				7000
Land Charges per crop cycle				5000
Supervision				38940
SUBTOTAL				<u>\$81,660</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$341,260</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,818
Cost of Production \$/Kg	\$38

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Planting	MD	2	1500	3000
Weeding	MD	32	1500	48000
Fertilising	MD	1	1500	1500
Weeding	MD	4	1500	6000
Fertilising	MD	1	1500	1500
Harvesting	MD	18	1500	27000

Lunch	60	500	30000
SUBTOTAL			<u>\$150,000</u>

Material Inputs			
Planting Material			5200
Fertiliser			11000
Herbicide			1800

SUBTOTAL			<u>\$18,000</u>
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Other Costs			
Transportation (10 percent of material)			1800
Contingencies (10 percent of labour and material)			16800
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			25200
SUBTOTAL			<u>\$55,800</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$223,800</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Mile Gully
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	14,850
Cost of Production \$/Kg	\$13

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	8	2500	20000
Furrowing	tractor	3	2500	7500
Prepare Planting Material	MD	3	1500	4500
Planting	MD	5	1500	7500
Pest Management	MD	6	1500	9000
Weeding	MD	12	1500	18000
Fertilising	MD	2	1500	3000
Harvesting	MD	8	1500	12000

Lunch	39	500	19500
SUBTOTAL			<u>\$105,500</u>

Material Inputs			
Planting Material			10890
Fertiliser			20800
Insecticide			4500

SUBTOTAL			<u>\$36,190</u>
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Other Costs			
Transportation (10 percent of material)			3619
Contingencies (10 percent of labour and material)			14169
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			21254
SUBTOTAL			<u>\$51,042</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$192,732</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Mile Gully
Crop	COCO
Crop Maturity	8 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	120cm x 30cm
Planting Density @ 0.4 hectare	10890
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,909
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	7	2500	17500
Prepare Planting Material	MD	10	1500	15000
Planting	MD	12	1500	18000
Weeding	MD	13	1500	19500
Pest Management	MD	3	1500	4500
Fertilising	MD	10	1500	15000
Harvesting	MD	16	1500	24000

Lunch	68	500	34000
SUBTOTAL			<u>\$153,500</u>

Material Inputs			
*Planting Material (10 yr depr.)			3000
Fertiliser			20800

SUBTOTAL			<u>\$23,800</u>
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Other Costs			
Transportation (10 percent of material)			2380
Contingencies (10 percent of labour and material)			17730
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			26595
SUBTOTAL			<u>\$58,705</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$236,005</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	ESCALLION
Crop Maturity	2 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$109

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	12	2500	30000
Mulching	MD	15	1500	22500
Lining Irrigation Hose	MD	6	1500	9000
Planting	CW	60	1000	60000
Pest Management	MD	30	1500	45000
Weeding	MD	50	1500	75000
Fertilising	MD	16	1500	24000
Harvesting	MD	57	1500	85500

Lunch	174	500	87000
SUBTOTAL			<u>\$438,000</u>

Material Inputs			
Planting Material			100000
Fertiliser			42000
Mulch			50000
Insecticide			35000
Fungicide			15000
Water			60000

SUBTOTAL			<u>\$302,000</u>
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Other Costs			
Transportation (10 percent of material)			30200
Contingencies (10 percent of labour and material)			74000
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			111000
SUBTOTAL			<u>\$247,200</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$987,200</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (including lunch)	\$2,000
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$113

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	2000	8000
Ploughing	MD	20	2000	40000
Dig Holes	MD	12	2000	24000
Nursery Operations	MD	5	2000	10000
Transplanting	MD	8	2000	16000
Weeding	MD	20	2000	40000
Fertilising	MD	4	2000	8000
Harvesting	MD	48	2000	96000

Lunch	121	350	42350
SUBTOTAL			<u>\$284,350</u>
Material Inputs			
*Planting Material (10 yr depr.)			16000
Fertiliser			19800
Mulch			37000
Insecticide			3500
Fungicide			2500
Water			12000
Herbicide			2400
SUBTOTAL			<u>\$93,200</u>
Other Costs			
Transportation (10 percent of material)			9320
Contingencies (10 percent of labour and material)			37755
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			56633
SUBTOTAL			<u>\$135,708</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$513,258</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$37

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	2000	6000
Dig Holes	MD	10	2000	20000
Nursery Operations	MD	5	2000	10000
Transplanting	MD	5	2000	10000
Fertilising	MD	2	2000	4000
Weeding	MD	14	2000	28000
Pest Management	MD	5	2000	10000
Harvesting	MD	20	2000	40000

Lunch	64	350	22400
SUBTOTAL			<u>\$150,400</u>

Material Inputs			
Planting Material			22000
Fertiliser			32800
Insecticide			7500
Fungicide			8000
Herbicide			2400
Seed Trays			6000

SUBTOTAL			<u>\$78,700</u>
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Other Costs			
Transportation (10 percent of material)			7870
Contingencies (10 percent of labour and material)			22910
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			34365
SUBTOTAL			<u>\$77,145</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$306,245</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	SWEET POTATO
Crop Maturity	5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60cm x 30cm
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	2000	10000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Prepare Planting Material	MD	4	2000	8000
Planting	MD	5	2000	10000
Pest Management	MD	1	2000	2000
Weeding	MD	4	2000	8000
Harvesting	MD	20	2000	40000

Lunch	39	350	13650
SUBTOTAL			<u>\$131,650</u>

Material Inputs			
*Planting Material (10 yr depr.)			3500
Fertiliser			18000
Baits			250
Insecticide			1000
Herbicide			4200

SUBTOTAL			<u>\$26,950</u>
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Other Costs			
Transportation (10 percent of material)			2695
Contingencies (10 percent of labour and material)			15860
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			23790
SUBTOTAL			<u>\$54,345</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$212,945</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	TOMATO (PLUMMY)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	90cm x 90cm
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$44

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	2000	6000
Dig Holes	MD	12	2000	24000
Nursery Operations	MD	5	2000	10000
Transplanting	MD	5	2000	10000
Fertilising	MD	2	2000	4000
Weeding	MD	16	2000	32000
Pest Management	MD	5	2000	10000
Harvesting	MD	26	2000	52000

Lunch	74	350	25900
SUBTOTAL			<u>\$173,900</u>

Material Inputs			
Planting Material			3000
Fertiliser			22000
Insecticide			13200
Fungicide			14000
Herbicide			2000

SUBTOTAL			<u>\$54,200</u>
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Other Costs			
Transportation (10 percent of material)			5420
Contingencies (10 percent of labour and material)			22810
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			34215
SUBTOTAL			<u>\$74,445</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$302,545</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Christiana
Crop	GINGER
Crop Maturity	3 Months
Reaping Period	8.5 Months
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,200
Projected Marketable Yield (Kg)	10,560
Cost of Production \$/Kg	\$59

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1200	2400
Ploughing	MD	40	1200	48000
Harrowing	MD	20	1200	24000
Furrowing	MD	20	1200	24000
Maintain Trench	MD	10	1200	12000
Prepare Planting Material	MD	1	1200	1200
Planting	MD	40	1200	48000
Weeding	MD	60	1200	72000
Fertilising	MD	4	1200	4800
Harvesting	MD	60	1200	72000

Lunch	257	500	128500
SUBTOTAL			<u>\$436,900</u>
Material Inputs			
*Planting Material (10 yr depr.)			36000
Fertiliser			14800

SUBTOTAL			<u>\$50,800</u>
Other Costs			
Transportation (10 percent of material)			5080
Contingencies (10 percent of labour and material)			48770
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			73155
SUBTOTAL			<u>\$139,005</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$626,705</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	45cm x 60cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	6	2500	15000
Harrowing	tractor	2	2500	5000
Furrowing	tractor	2	2500	5000
Planting	MD	8	1500	12000
Pest Management	MD	3	1500	4500
Weeding	MD	4	1500	6000
Fertilising	MD	1	1500	1500
Harvesting	MD	25	1500	37500

Lunch	43	500	21500
SUBTOTAL			<u>\$111,000</u>

Material Inputs			
*Planting Material (discounted)			3000
Fertiliser			25000
Insecticide			6000
Herbicide			2400

SUBTOTAL			<u>\$36,400</u>
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Other Costs			
Transportation (10 percent of material)			3640
Contingencies (10 percent of labour and material)			14740
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			22110
SUBTOTAL			<u>\$52,490</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$199,890</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance in cm (l x w)	30cm x 90cm
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Ploughing	tractor	1	10000	10000
Harrowing	tractor	1	10000	10000
Furrowing	tractor	1	10000	10000
Planting	MD	6	1500	9000
Pest Management	MD	10	1500	15000
Weeding	MD	16	1500	24000
Fertilising	MD	4	1500	6000
Harvesting	MD	18	1500	27000

Lunch	59	500	29500
SUBTOTAL			<u>\$146,500</u>

Material Inputs			
Planting Material			74000
Fertiliser			50000
Insecticide			12000
Fungicide			16000
Herbicide			4500

SUBTOTAL			<u>\$156,500</u>
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Other Costs			
Transportation (10 percent of material)			15650
Contingencies (10 percent of labour and material)			30300
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			45450
SUBTOTAL			<u>\$103,400</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$406,400</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Mile Gully
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 210cm
Planting Density @ 0.4 hectare	1245
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	7,470
Cost of Production \$/Kg	\$41

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Make Mounds	CW	15	2500	37500
Furrowing	CW	5	2500	12500
Planting	MD	12	1500	18000
Stake and Tie	MD	15	1500	22500
Pest Management	MD	10	1500	15000
Weeding	MD	10	1500	15000
Fertilising	MD	4	1500	6000
Harvesting	MD	25	1500	37500

Lunch	79	500	39500
SUBTOTAL			<u>\$208,000</u>

Material Inputs			
*Planting Material (10 yr depr.)			4000
Fertiliser			22000

SUBTOTAL			<u>\$26,000</u>
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Other Costs			
Transportation (10 percent of material)			2600
Contingencies (10 percent of labour and material)			23400
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			35100
SUBTOTAL			<u>\$73,100</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$307,100</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	WATERMELON
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	120cm x 90cm
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$42

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	12	2500	30000
Ploughing	CW	10	1000	10000
Mulching	MD	15	1500	22500
Lining Irrigation Hose	MD	6	1500	9000
Planting	MD	3	1500	4500
Pest Management	MD	9	1500	13500
Weeding	MD	14	1500	21000
Fertilising	MD	2	1500	3000
Harvesting	MD	4	1500	6000

Lunch	53	500	26500
SUBTOTAL			<u>\$146,000</u>

Material Inputs			
Planting Material			2500
Fertiliser			30000
Mulch			41000
Insecticide			20000
Fungicide			10000
Water			16000
Herbicide			2000

SUBTOTAL			<u>\$121,500</u>
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Other Costs			
Transportation (10 percent of material)			12150
Contingencies (10 percent of labour and material)			26750
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			40125
SUBTOTAL			<u>\$111,025</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$378,525</u>

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

MANCHESTER

Parish	Manchester
Extension Area	New Forest
Crop	THYME
Crop Maturity	4 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$97

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	1	1500	1500
Mulching	MD	7	1500	10500
Lining Irrigation Hose	MD	6	1500	9000
Dig Holes/Plant	MD	30	1500	45000
Pest Management	MD	20	1500	30000
Weeding	MD	16	1500	24000
Fertilising	MD	3	1500	4500
Harvesting	MD	30	1500	45000

Lunch	113	500	56500
SUBTOTAL			<u>\$226,000</u>
Material Inputs			
*Planting Material (10 yr depr.)			16000
Fertiliser			19800
Mulch			37000
Insecticide			3500
Fungicide			2500
Water			12000
Herbicide			2400
SUBTOTAL			<u>\$93,200</u>
Other Costs			
Transportation (10 percent of material)			9320
Contingencies (10 percent of labour and material)			31920
**Tools discounted for 5 years			27000
Land Charges per crop cycle			5000
Supervision			47880
SUBTOTAL			<u>\$121,120</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$440,320</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	30cm x 30cm
Planting Density @ 0.4 hectare	43560
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	2000	6000
Ploughing	MD	12	2000	24000
Nursery Operations	MD	5	2000	10000
Transplanting	MD	15	2000	30000
Fertilising	MD	8	2000	16000
Weeding	MD	14	2000	28000
Pest Management	MD	5	2000	10000
Harvesting	MD	15	2000	30000

Lunch	77	350	26950
SUBTOTAL			<u>\$180,950</u>

Material Inputs			
Planting Material			6000
Fertiliser			13500
Insecticide			22500
Fungicide			12500
Herbicide			2500

SUBTOTAL			<u>\$57,000</u>
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Other Costs			
Transportation (10 percent of material)			5700
Contingencies (10 percent of labour and material)			23795
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			35693
SUBTOTAL			<u>\$77,188</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$315,138</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	CARROT
Crop Maturity	3.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈ 116000
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$63

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	2000	6000
Ploughing	tractor	5	2500	12500
Harrowing	tractor	3	2500	7500
Planting	MD	2	2000	4000
Weeding	MD	12	2000	24000
Fertilising	MD	1	2000	2000
Harvesting	MD	26	2000	52000

Lunch	44	350	15400
SUBTOTAL			<u>\$123,400</u>

Material Inputs			
Planting Material			8000
Fertiliser			26000
Herbicide			12800

SUBTOTAL			<u>\$46,800</u>
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Other Costs			
Transportation (10 percent of material)			4680
Contingencies (10 percent of labour and material)			17020
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			25530
SUBTOTAL			<u>\$59,230</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$229,430</u>

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

MANCHESTER

Parish	Manchester
Extension Area	Cross Keys
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Planting Distance in cm (l x w)	60cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$81

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	6	2000	12000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	4	2500	10000
Furrowing	tractor	4	2500	10000
Maintain Trench	MD	4	2000	8000
Nursery Operations	MD	5	2000	10000
Transplanting	MD	10	2000	20000
Pest Management	MD	16	2000	32000
Weeding	MD	16	2000	32000
Harvesting	MD	24	2000	48000

Lunch	81	350	28350
SUBTOTAL			<u>\$230,350</u>

Material Inputs			
Planting Material			4000
Fertiliser			42000
Insecticide			24000
Fungicide			32000
Herbicide			3500

SUBTOTAL			<u>\$105,500</u>
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Other Costs			
Transportation (10 percent of material)			10550
Contingencies (10 percent of labour and material)			33585
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			50378
SUBTOTAL			<u>\$106,513</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$442,363</u>

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

Back	Home	Forward
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Parish	Trelawny
Extension Area	Falmouth
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	.3 x 30
Planting Density @ 0.4 hectare	145200
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Fertigation
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Planting	MD	3	1500	4500
Pest Management	MD	16	1500	24000
Weeding	CW	3	2000	6000
Fertilising	MD	1	1500	1500
Harvesting	MD	30	1500	45000

Lunch	64	300	19200
SUBTOTAL			<u><u>\$166,200</u></u>

Material Inputs			
Planting Material			40000
Water			20000
Fertiliser			150000
Insecticide			25000
Fungicide			30000
Herbicide			22000

SUBTOTAL			<u><u>\$287,000</u></u>
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Other Costs			
Transportation (10 percent of material)			28700
Contingencies (10 percent of labour and material)			45320
**Tools discounted for 5 years			47000
Land Charges per crop cycle			4000
Supervision			67980
SUBTOTAL			<u><u>\$193,000</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$646,200</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Falmouth
Crop	CARROT
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116160
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$72

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	18	1500	27000
Ploughing	tractor	5	2500	12500
Furrowing	tractor	3	2500	7500
Planting	MD	1	1500	1500
Weeding	MD	2	1500	3000
Planting	MD	3	1500	4500
Harvesting	MD	40	1500	60000

Lunch	64	300	19200
SUBTOTAL			<u><u>\$135,200</u></u>

Material Inputs			
Planting Material			4000
Fertiliser			8000
Herbicide			10000
Water			130000

SUBTOTAL			<u><u>\$152,000</u></u>
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Other Costs			
Transportation (10 percent of material)			15200
Contingencies (10 percent of labour and material)			28720
**Tools discounted for 5 years			13500
Land Charges per crop cycle			4000
Supervision			43080
SUBTOTAL			<u><u>\$104,500</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$391,700</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Jackson Town
Crop	SWEET POTATO
Crop Maturity	6 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	90 x 30
Planting Density @ 0.4 hectare	14520
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	4,545
Cost of Production (\$/Kg)	\$37

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1300	2600
Ploughing	tractor	5	2500	12500
Harrowing	CW	4	1500	6000
Furrowing	CW	4	1500	6000
Prepare Planting Material	MD	6	1300	7800
Pest Management	MD	3	1300	3900
Weeding	MD	1	1300	1300
Harvesting	MD	30	1300	39000

Lunch	42	300	12600
SUBTOTAL			<u>\$91,700</u>

Material Inputs			
Planting Material			15000
Fertiliser			13500
Insecticide			2000
Herbicide			3030
Baits			2000

SUBTOTAL			<u>\$35,530</u>
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Other Costs			
Transportation (10 percent of material)			3553
Contingencies (10 percent of labour and material)			12723
**Tools discounted for 5 years			3500
Land Charges per crop cycle			4000
Supervision			19084.5
SUBTOTAL			<u>\$42,861</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$170,091</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Lowe River
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	210 x 150
Planting Density @ 0.4 hectare	1245
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	6,364
Cost of Production (\$/Kg)	\$53

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1300	13000
Ploughing	MD	8	1300	10400
Make Mounds	MD	15	1300	19500
Maintain Trench	MD	5	1500	7500
Prepare Planting Material	MD	4	1300	5200
Planting	MD	2	1300	2600
Stake and Tie	MD	25	1300	32500
Weeding	MD	5	1300	6500
Fertilising	MD	5	1300	6500
Harvesting	MD	35	1300	45500
Lunch		114	300	34200
SUBTOTAL				<u><u>\$183,400</u></u>
Material Inputs				
*Planting Material				10000
Stakes				30000
Fertiliser				25000
Herbicide				2400
SUBTOTAL				<u><u>\$67,400</u></u>
Other Costs				
Transportation (10 percent of material)				6740
Contingencies (10 percent of labour and material)				25080
**Tools discounted for 5 years				7000
Land Charges per crop cycle				10000
Supervision				37620
SUBTOTAL				<u><u>\$86,440</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u><u>\$337,240</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Low River
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	≈116160
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	3,182
Cost of Production (\$/Kg)	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1300	13000
Ploughing	MD	10	1300	13000
Planting	MD	1	1300	1300
Maintain Trench	MD	4	1500	6000
Pest Management	MD	5	1300	6500
Weeding	MD	3	1300	3900
Fertilising	MD	2	1300	2600
Harvesting	MD	20	1300	26000

Lunch	55	300	16500
SUBTOTAL			<u>\$88,800</u>

Material Inputs			
Planting Material			12000
Fertiliser			17000
Insecticide			3600
Fungicide			2700
Herbicide			7000

SUBTOTAL			<u>\$42,300</u>
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Other Costs			
Transportation (10 percent of material)			4230
Contingencies (10 percent of labour and material)			13110
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			19665
SUBTOTAL			<u>\$48,005</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$179,105</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Albert Town
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	150cm x 210cm
Planting Density @ 0.4 hectare	1200
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (\$/Kg)	6,364
Cost of Production (\$/Kg)	\$74

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	MD	8	1500	12000
Make Mounds	MD	48	1500	72000
Maintain Trench	MD	10	1500	15000
Prepare Planting Material	MD	3	1500	4500
Planting	MD	3	1500	4500
Stake and Tie	MD	25	1500	37500
Fertilising	MD	5	1500	7500
Weeding	MD	14	1500	21000
Harvesting	MD	35	1500	52500

Lunch	163	300	48900
SUBTOTAL			<u><u>\$293,400</u></u>

Material Inputs			
*Planting Material			12000
Fertiliser			36600
*Stakes			15000

SUBTOTAL			<u><u>\$63,600</u></u>
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Other Costs			
Transportation (10 percent of material)			6360
Contingencies (10 percent of labour and material)			35700
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			53550
SUBTOTAL			<u><u>\$112,610</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$469,610</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Albert Town
Crop	LUCEA YAM
Crop Maturity	8 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	120cm x 210cm
Planting Density @ 0.4 hectare	1500
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (\$/Kg)	6,818
Cost of Production (\$/Kg)	\$68

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	MD	8	1500	12000
Make Mounds	MD	48	1500	72000
Maintain Trench	MD	12	1500	18000
Prepare Planting Material	MD	3	1500	4500
Planting	MD	3	1500	4500
Stake and Tie	MD	25	1500	37500
Fertilising	MD	5	1500	7500
Weeding	MD	14	1500	21000
Harvesting	MD	35	1500	52500

Lunch	165	300	49500
SUBTOTAL			<u><u>\$297,000</u></u>

Material Inputs			
*Planting Material			13000
Fertiliser			25000
*Stakes			17000

SUBTOTAL			<u><u>\$55,000</u></u>
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Other Costs			
Transportation (10 percent of material)			5500
Contingencies (10 percent of labour and material)			35200
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			52800
SUBTOTAL			<u><u>\$110,500</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$462,500</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Falmouth
Crop	SCOTCH BONNET PEPPER
Crop Maturity	4 Months
Reaping Period	8 Months
Planting Distance in cm (l x w)	60 x 90
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Fertigation
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	11,364
Cost of Production \$/Kg	\$96

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	tractor	8	2500	20000
Harrowing	tractor	6	2500	15000
Furrowing	tractor	4	2500	10000
Lining Irrigation Hose	MD	2	1500	3000
Mulching	MD	8	1500	12000
Planting	MD	12	1500	18000
Pest Management	MD	48	2000	96000
Weeding	MD	5	1500	7500
Fertilising	MD	4	1500	6000
Harvesting (pick and de-stem)	MD	50	1500	75000

Lunch	141	300	42300
SUBTOTAL			<u>\$322,800</u>

Material Inputs			
Planting Material			72600
Water			35000
Fertiliser			290000
Insecticide			35000
Fungicide			30000
Herbicide			8500

SUBTOTAL			<u>\$471,100</u>
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Other Costs			
Transportation (10 percent of material)			47110
Contingencies (10 percent of labour and material)			79390
**Tools discounted for 5 years			47000
Land Charges per crop cycle			4000
Supervision			119085
SUBTOTAL			<u>\$296,585</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$1,090,485</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Jackson Town
Crop	HYBRID CORN
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (doz)	1,500
Cost of Production \$/doz	\$82

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1300	6500
Ploughing	tractor	5	2500	12500
Furrowing	CW	2	1500	3000
Planting	MD	2	1500	3000
Pest Management	MD	4	1500	6000
Weeding	MD	10	1500	15000
Fertilising	MD	1	1500	1500
Harvesting	MD	5	1500	7500

Lunch	22	300	6600
SUBTOTAL			<u>\$61,600</u>

Material Inputs			
Planting Material			6500
Fertiliser			11700
Insecticide			4000
Herbicide			6000

SUBTOTAL			<u>\$28,200</u>
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Other Costs			
Transportation (10 percent of material)			2820
Contingencies (10 percent of labour and material)			8980
**Tools discounted for 5 years			3500
Land Charges per crop cycle			4000
Supervision			13470
SUBTOTAL			<u>\$32,770</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$122,570</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Jackson Town
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	210 x 150
Planting Density @ 0.4 hectare	1245
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	5,000
Cost of Production (\$/Kg)	\$58

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1300	2600
Ploughing	tractor	5	2500	12500
Make Mounds	CW	10	2000	20000
Prepare Planting Material	MD	5	1500	7500
Planting	MD	6	1300	7800
Weeding	MD	10	1300	13000
Stake and Tie	MD	25	1300	32500
Fertilising	MD	5	1300	6500
Harvesting	MD	25	1300	32500

Lunch	48	300	14400
SUBTOTAL			<u>\$149,300</u>

Material Inputs			
*Planting Material			20000
*Stakes			13500
Fertiliser			26200
Herbicide			2600

SUBTOTAL			<u>\$62,300</u>
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Other Costs			
Transportation (10 percent of material)			6230
Contingencies (10 percent of labour and material)			21160
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			31740
SUBTOTAL			<u>\$76,130</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$287,730</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Low River
Crop	NEGRO YAM
Crop Maturity	8 Months
Reaping Period	2 Months
Planting Distance in cm (l x w)	180 x 150
Planting Density @ 0.4 hectare	1452
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	7,273
Cost of Production (\$/Kg)	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1300	13000
Ploughing	MD	8	1300	10400
Make Mounds	MD	20	1300	26000
Maintain Trench	MD	4	1500	6000
Prepare Planting Material	MD	6	1300	7800
Planting	MD	4	1300	5200
Stake and Tie	MD	30	1300	39000
Weeding	MD	4	1300	5200
Fertilising	MD	5	1300	6500
Harvesting	MD	40	1300	52000

Lunch	131	300	39300
SUBTOTAL			<u><u>\$210,400</u></u>

Material Inputs			
*Planting Material			10000
Stakes			35000
Fertiliser			25000
Herbicide			2400

SUBTOTAL			<u><u>\$72,400</u></u>
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Other Costs			
Transportation (10 percent of material)			7240
Contingencies (10 percent of labour and material)			28280
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			42420
SUBTOTAL			<u><u>\$94,940</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$377,740</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Low River
Crop	CABBAGE
Crop Maturity	3.5 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,300
Projected Marketable Yield (\$/Kg)	10,000
Cost of Production (\$/Kg)	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	13	1300	16900
Ploughing	MD	20	1300	26000
Nursery Operations	MD	4	1300	5200
Maintain Trench	MD	4	1500	6000
Transplanting	MD	24	1300	31200
Pest Management	MD	12	1300	15600
Weeding	MD	10	1300	13000
Fertilising	MD	4	1300	5200
Harvesting	MD			

Lunch	91	300	27300
SUBTOTAL			<u>\$146,400</u>

Material Inputs			
Planting Material			15000
Fertiliser			16000
Insecticide			48000
Fungicide			2400
Herbicide			6000

SUBTOTAL			<u>\$87,400</u>
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Other Costs			
Transportation (10 percent of material)			8740
Contingencies (10 percent of labour and material)			23380
**Tools discounted for 5 years			7000
Land Charges per crop cycle			4000
Supervision			35070
SUBTOTAL			<u>\$78,190</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$311,990</u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Albert Town
Crop	NEGRO YAM
Crop Maturity	10 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	120cm x 210cm
Planting Density @ 0.4 hectare	1500
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (\$/Kg)	6,818
Cost of Production (\$/Kg)	\$68

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	MD	8	1500	12000
Make Mounds	MD	48	1500	72000
Maintain Trench	MD	12	1500	18000
Prepare Planting Material	MD	3	1500	4500
Planting	MD	3	1500	4500
Stake and Tie	MD	25	1500	37500
Fertilising	MD	5	1500	7500
Weeding	MD	14	1500	21000
Harvesting	MD	35	1500	52500

Lunch	165	300	49500
SUBTOTAL			<u><u>\$297,000</u></u>

Material Inputs			
*Planting Material			13000
Fertiliser			25000
*Stakes			17000

SUBTOTAL			<u><u>\$55,000</u></u>
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Other Costs			
Transportation (10 percent of material)			5500
Contingencies (10 percent of labour and material)			35200
**Tools discounted for 5 years			7000
Land Charges per crop cycle			10000
Supervision			52800
SUBTOTAL			<u><u>\$110,500</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$462,500</u></u>

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

TRELAWNY

Parish	Trelawny
Extension Area	Albert Town
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30cm x 60cm
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (\$/Kg)	3,318
Cost of Production (\$/Kg)	\$83

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	12	1500	18000
Furrowing	MD	7	1500	10500
Maintain Trench	MD	5	1500	7500
Planting	MD	3	1500	4500
Weeding	MD	4	1500	6000
Pest Management	MD	16	1500	24000
Fertilising	MD	2	1500	3000
Harvesting	MD	15	1500	22500

Lunch	72	300	21600
SUBTOTAL			<u>\$129,600</u>

Material Inputs			
Planting Material			25000
Fertiliser			23000
Fungicide			6000
Insecticide			18000
Herbicide			4000

SUBTOTAL			<u>\$76,000</u>
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Other Costs			
Transportation (10 percent of material)			7600
Contingencies (10 percent of labour and material)			20560
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			30840
SUBTOTAL			<u>\$71,000</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$276,600</u>

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

WESTMORELAND

Back	Home	Forward
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Parish	Westmoreland
Extension Area	Little London
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 90
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,000
Cost of Production \$/Kg	\$48

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Maintain Trench	MD	6	900	5400
Nursery Operations	MD	4	1500	6000
Transplanting	MD	6	1500	9000
Stake and Tie	MD	14	1500	21000
Pest Management	MD	8	1500	12000
Weeding	CW	2	2000	4000
Fertilising	MD	1	1500	1500
Harvesting	MD	30	1500	45000
Lunch		76	300	22800
SUBTOTAL				<u><u>\$137,200</u></u>
Material Inputs				
Planting Material				8000
Potting Mixture				600
Seed Trays				10000
Stakes				10000
Fertiliser				12000
Insecticide				1800
Fungicide				1600
Herbicide				1900
SUBTOTAL				<u><u>\$45,900</u></u>
Other Costs				
Transportation (10 percent of material)				4590
Contingencies (10 percent of labour and material)				18310
**Tools discounted for 5 years				7000
Land Charges per crop cycle				2000
Supervision				27465
SUBTOTAL				<u><u>\$59,365</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u><u>\$242,465</u></u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Little London
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 90
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$30

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	6	1500	9000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	6	1500	9000
Pest Management	MD	6	1500	9000
Weeding	MD	6	1500	9000
Fertilising	MD	1	2000	2000
Harvesting	MD	11	1500	16500

Lunch	42	300	12600
SUBTOTAL			<u>\$76,100</u>

Material Inputs			
Planting Material			4500
Fertiliser			5470
Insecticide			10000
Fungicide			3675

SUBTOTAL			<u>\$23,645</u>
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Other Costs			
Transportation (10 percent of material)			2364.5
Contingencies (10 percent of labour and material)			9974.5
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			14962
SUBTOTAL			<u>\$35,967</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$135,712</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Little London
Crop	SWEET PEPPER
Crop Maturity	3 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	60 x 90
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	8,182
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Dig Holes	MD	12	1500	18000
Maintain Trench	MD	6	1500	9000
Nursery Operations	MD	3	1500	4500
Transplanting	MD	8	1500	12000
Pest Management	MD	16	1500	24000
Weeding	MD	10	1500	15000
Fertilising	MD	2	1500	3000
Harvesting	MD	55	1500	82500

Lunch	62	300	18600
SUBTOTAL			<u>\$194,100</u>

Material Inputs			
Planting Material			64000
Potting Mixture			5000
Seed Trays			8000
Insecticide			16000
Herbicide			3000

SUBTOTAL			<u>\$96,000</u>
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Other Costs			
Transportation (10 percent of material)			9600
Contingencies (10 percent of labour and material)			29010
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			43515
SUBTOTAL			<u>\$90,792</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$380,892</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Darliston
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	21	1500	31500
Ploughing	MD	20	1500	30000
Nursery Operations	MD	5	1500	7500
Transplanting	MD	28	1500	42000
Pest Management	MD	10	1500	15000
Weeding	MD	20	1500	30000
Fertilising	MD	2	2000	4000
Harvesting	MD	15	1500	22500

Lunch		121	300	36300
SUBTOTAL				<u>\$218,800</u>

Material Inputs				
Planting Material				10400
Fertiliser				24500
Insecticide				12500
Herbicide				7200

SUBTOTAL				<u>\$54,600</u>
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Other Costs				
Transportation (10 percent of material)				5460
Contingencies (10 percent of labour and material)				27340
**Tools discounted for 5 years				7000
Land Charges per crop cycle				1667
Supervision				41010
SUBTOTAL				<u>\$ 82,477</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				<u>\$355,877</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Darliston
Crop	PUMPKIN (NATIVE)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	300 x 300
Planting Density @ 0.4 hectare	435.6
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,000
Cost of Production \$/Kg	\$20

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	2	1500	3000
Ploughing	tractor	6	2000	12000
Dig Holes	MD	2	1500	3000
Planting	MD	2	1500	3000
Pest Management	MD	6	1500	9000
Weeding	MD	2	1500	3000
Fertilising	MD	1	2000	2000
Harvesting	MD	12	1500	18000

Lunch	27	300	8100
SUBTOTAL			<u>\$61,100</u>

Material Inputs			
Planting Material			600
Fertiliser			5470
Insecticide			2400
Herbicide			1750

SUBTOTAL			<u>\$10,220</u>
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Other Costs			
Transportation (10 percent of material)			1022
Contingencies (10 percent of labour and material)			7132
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			10698
SUBTOTAL			<u>\$27,519</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$98,839</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	Broadcast
Planting Density @ 0.4 hectare	116000
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Ploughing	MD	18	1500	27000
Planting	MD	1	1500	1500
Weeding	MD	1	1500	1500
Fertilising	MD	1	1500	1500
Weeding	MD	6	1500	9000
Fertilising	MD	1	2000	2000
Harvesting	MD	13	1500	19500

Lunch	53	300	15900
SUBTOTAL			<u>\$95,900</u>

Material Inputs			
Planting Material			6000
Fertiliser			21200
Herbicide			9500

SUBTOTAL			<u>\$36,700</u>
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Other Costs			
Transportation (10 percent of material)			3670
Contingencies (10 percent of labour and material)			13260
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			19890
SUBTOTAL			<u>\$47,153</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$179,753</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	PUMPKIN (NATIVE)
Crop Maturity	3 Months
Reaping Period	1.5 Months
Planting Distance in cm (l x w)	300 x 300
Planting Density @ 0.4 hectare	435.6
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	7	1500	10500
Dig Holes	MD	4	1500	6000
Planting	MD	1	1500	1500
Pest Management	MD	8	1500	12000
Fertilising	MD	1	1500	1500
Harvesting	MD	6	1500	9000

Lunch	27	300	8100
SUBTOTAL			<u>\$48,600</u>

Material Inputs			
Planting Material			1200
Fertiliser			12000
Insecticide			4800
Fungicide			12400
Herbicide			4400

SUBTOTAL			<u>\$34,800</u>
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Other Costs			
Transportation (10 percent of material)			3480
Contingencies (10 percent of labour and material)			8340
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			12510
SUBTOTAL			<u>\$34,663</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$118,063</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	CUCUMBER
Crop Maturity	2 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	120 x 120
Planting Density @ 0.4 hectare	2722.5
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$44

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	10	1500	15000
Dig Holes	MD	4	1500	6000
Planting	MD	3	1500	4500
Pest Management	MD	6	1500	9000
Weeding	MD	9	1500	13500
Fertilising	MD	3	1500	4500
Harvesting	MD	16	1500	24000

Lunch	51	300	15300
SUBTOTAL			<u>\$91,800</u>

Material Inputs			
Planting Material			12300
Fertiliser			30000
Insecticide			8000
Fungicide			6000

SUBTOTAL			<u>\$56,300</u>
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Other Costs			
Transportation (10 percent of material)			5630
Contingencies (10 percent of labour and material)			14810
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			22215
SUBTOTAL			<u>\$52,988</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$201,088</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 45
Planting Density @ 0.4 hectare	14520
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	4,545
Cost of Production \$/Kg	\$72

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Ploughing	CW	10	1500	15000
Harrowing	MD	8	1500	12000
Furrowing	MD	6	1500	9000
Planting	MD	6	1500	9000
Pest Management	MD	5	1500	7500
Fertilising	MD	1	2000	2000
Harvesting	MD	17	1500	25500

Lunch	58	300	17400
SUBTOTAL			<u>\$119,900</u>

Material Inputs			
Planting Material			60000
Fertiliser			53000
Insecticide			4800
Fungicide			2400
Herbicide			4000

SUBTOTAL			<u>\$124,200</u>
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Other Costs			
Transportation (10 percent of material)			12420
Contingencies (10 percent of labour and material)			24410
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			36615
SUBTOTAL			<u>\$83,778</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$327,878</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Savanna-la-mar
Crop	HOT PEPPER (WI RED)
Crop Maturity	5 Months
Reaping Period	7 Months
Planting Distance in cm (l x w)	90 x 90
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Semi-Mechanical
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	10,000
Cost of Production \$/Kg	\$58

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Ploughing	tractor	8	1500	12000
Furrowing	MD	20	1500	30000
Lining Irrigation Hose	MD	3	1500	4500
Planting	MD	10	1500	15000
Pest Management	MD	52	1500	78000
Fertilising	MD	5	2000	10000
Harvesting	MD	50	1500	75000

Lunch	155	300	46500
SUBTOTAL			<u>\$293,500</u>

Material Inputs			
Planting Material			60000
Fertiliser			47000
Insecticide			24000
Fungicide			12000
Herbicide			3500

SUBTOTAL			<u>\$146,500</u>
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Other Costs			
Transportation (10 percent of material)			14650
Contingencies (10 percent of labour and material)			44000
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			66000
SUBTOTAL			<u>\$136,650</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$576,650</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Savanna-la-mar
Crop	SCOTCH BONNET PEPPER
Crop Maturity	3.5 Months
Reaping Period	1 Year
Planting Distance in cm (l x w)	120 x 90
Planting Density @ 0.4 hectare	3630
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$79

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	8	1500	12000
Ploughing	MD	10	1500	15000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	7	1500	10500
Pest Management	MD	28	1500	42000
Weeding	MD	30	1500	45000
Fertilising	MD	5	1500	7500
Harvesting	MD	64	1500	96000

Lunch	154	300	46200
SUBTOTAL			<u>\$277,200</u>

Material Inputs			
Planting Material			9000
Fertiliser			25000
Insecticide			42000
Herbicide			12000
Fungicide			15500
Water			18000
Potting Mixture			5600
Seed Trays			4500

SUBTOTAL			<u>\$131,600</u>
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Other Costs			
Transportation (10 percent of material)			13160
Contingencies (10 percent of labour and material)			40880
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			61320
SUBTOTAL			<u>\$127,360</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$536,160</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Little London
Crop	DASHEEN
Crop Maturity	7.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 90
Planting Density @ 0.4 hectare	7260
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$33

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	CW	10	2500	25000
Dig Holes	CW	10	2500	25000
Maintain Trench	MD	4	900	3600
Planting	MD	3	1500	4500
Pest Management	MD	2	1500	3000
Weeding	MD	3	1500	4500
Fertilising	MD	2	1500	3000
Harvesting	MD	25	1500	37500

Lunch	39	300	11700
SUBTOTAL			<u>\$117,800</u>

Material Inputs			
Planting Material			30000
Fertiliser			13400
Insecticide			1800
Herbicide			2800

SUBTOTAL			<u>\$48,000</u>
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Other Costs			
Transportation (10 percent of material)			4800
Contingencies (10 percent of labour and material)			16580
**Tools discounted for 5 years			7000
Land Charges per crop cycle			5000
Supervision			24870
SUBTOTAL			<u>\$58,250</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$224,050</u>

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

WESTMORELAND

WESTMORELAND

Parish	Westmoreland
Extension Area	Little London
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	9,091
Cost of Production \$/Kg	\$33

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Dig Holes	MD	7	1500	10500
Nursery Operations	MD	4	1500	6000
Transplanting	MD	24	1500	36000
Pest Management	MD	15	1500	22500
Weeding	MD	5	1500	7500
Fertilising	MD	2	2000	4000
Harvesting	MD	14	1500	21000

Lunch	86	300	25800
SUBTOTAL			<u>\$155,800</u>

Material Inputs			
Planting Material			18000
Fertiliser			27500
Insecticide			25000
Fungicide			1400
Herbicide			1400

SUBTOTAL			<u>\$73,300</u>
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Other Costs			
Transportation (10 percent of material)			7330
Contingencies (10 percent of labour and material)			22910
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			34365
SUBTOTAL			<u>\$73,272</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$302,372</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Darliston
Crop	HOT PEPPER (WI RED)
Crop Maturity	4 Months
Reaping Period	9 Months
Planting Distance in cm (l x w)	120 x 90
Planting Density @ 0.4 hectare	3630
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$73

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	13	1500	19500
Dig Holes	MD	3	1500	4500
Nursery Operations	MD	5	1500	7500
Transplanting	MD	7	1500	10500
Pest Management	MD	30	1500	45000
Weeding	MD	6	1500	9000
Fertilising	MD	8	2000	16000
Harvesting	MD	11	1500	16500

Lunch	83	300	24900
SUBTOTAL			<u>\$153,400</u>

Material Inputs			
Planting Material			4500
Fertiliser			18000
Insecticide			10000
Fungicide			11850
Herbicide			3300

SUBTOTAL			<u>\$47,650</u>
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Other Costs			
Transportation (10 percent of material)			4765
Contingencies (10 percent of labour and material)			20105
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			30158
SUBTOTAL			<u>\$63,694</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$264,744</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Darliston
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,818
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	3	1500	4500
Ploughing	tractor	5	1500	7500
Furrowing	tractor	4	1500	6000
Planting	MD	10	1500	15000
Pest Management	MD	10	1500	15000
Weeding	MD	20	1500	30000
Fertilising	MD	8	2000	16000
Harvesting	MD	17	1500	25500

Lunch	68	300	20400
SUBTOTAL			<u>\$139,900</u>

Material Inputs			
Planting Material			85000
Fertiliser			57600
Insecticide			21000
Fungicide			25000
Herbicide			5000

SUBTOTAL			<u>\$193,600</u>
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Other Costs			
Transportation (10 percent of material)			19360
Contingencies (10 percent of labour and material)			33350
**Tools discounted for 5 years			7000
Land Charges per crop cycle			2500
Supervision			50025
SUBTOTAL			<u>\$112,235</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$445,735</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 30
Planting Density @ 0.4 hectare	21780
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,909
Cost of Production \$/Kg	\$24

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	4	1500	6000
Dig Holes	MD	6	1500	9000
Nursery Operations	MD	2	1500	3000
Transplanting	MD	6	1500	9000
Pest Management	MD	6	1500	9000
Weeding	MD	6	1500	9000
Fertilising	MD	1	2000	2000
Harvesting	MD	13	1500	19500

Lunch	44	300	13200
SUBTOTAL			<u>\$79,700</u>

Material Inputs			
Planting Material			4500
Fertiliser			5470
Insecticide			10000
Fungicide			3675

SUBTOTAL			<u>\$23,645</u>
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Other Costs			
Transportation (10 percent of material)			2365
Contingencies (10 percent of labour and material)			10335
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			15502
SUBTOTAL			<u>\$38,534</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$141,879</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	TOMATO (SLICING)
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 60
Planting Density @ 0.4 hectare	10890
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	15	1500	22500
Dig Holes	MD	15	1500	22500
Nursery Operations	MD	4	1500	6000
Transplanting	MD	12	1500	18000
Pest Management	MD	9	1500	13500
Weeding	MD	3	1500	4500
Fertilising	MD	2	2000	4000
Harvesting	MD	34	1500	51000

Lunch	94	300	28200
SUBTOTAL			<u><u>\$170,200</u></u>

Material Inputs			
Planting Material			2800
Fertiliser			53000
Insecticide			7500
Fungicide			18000
Herbicide			5100

SUBTOTAL			<u><u>\$86,400</u></u>
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Other Costs			
Transportation (10 percent of material)			8640
Contingencies (10 percent of labour and material)			25660
**Tools discounted for 5 years			7000
Land Charges per crop cycle			3333
Supervision			38490
SUBTOTAL			<u><u>\$83,123</u></u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u><u>\$339,723</u></u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	New Works
Crop	SWEET POTATO
Crop Maturity	4.5 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	30 x 90
Planting Density @ 0.4 hectare	14520
Terrain	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,682
Cost of Production \$/Kg	\$41

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	12	1500	18000
Dig Holes	MD	12	1500	18000
Prepare Planting Material	MD	6	1500	9000
Planting	MD	9	1500	13500
Pest Management	MD	8	1500	12000
Weeding	MD	12	1500	18000
Fertilising	MD	1	2000	2000
Harvesting	MD	12	1500	18000

Lunch	72	300	21600
SUBTOTAL			<u>\$130,100</u>

Material Inputs

*Planting Material	3000
Fertiliser	25000
Insecticide	8200
Fungicide	7000
Herbicide	3000

SUBTOTAL	<u>\$46,200</u>
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Other Costs

Transportation (10 percent of material)	4620
Contingencies (10 percent of labour and material)	17630
**Tools discounted for 5 years	7000
Land Charges per crop cycle	3333
Supervision	26445
SUBTOTAL	<u>\$59,028</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	<u>\$235,328</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Savanna-la-mar
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance in cm (l x w)	60 x 60
Planting Density @ 0.4 hectare	4356
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	5,455
Cost of Production \$/Kg	\$61

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	20	1500	30000
Ploughing	MD	30	1500	45000
Prepare Planting Material	MD	5	1500	7500
Maintain Trench	MD	15	1500	22500
Planting	MD	6	1500	9000
Pest Management	MD	15	1500	22500
Weeding	MD	2	2000	4000
Fertilising	MD	11	1500	16500
Harvesting	MD	18	1500	27000

Lunch	104	300	31200
SUBTOTAL			<u>\$215,200</u>

Material Inputs

*Planting Material	7500
Fertiliser	22000
Water	8000

SUBTOTAL	<u>\$37,500</u>
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Other Costs

Transportation (10 percent of material)	3750
Contingencies (10 percent of labour and material)	25270
**Tools discounted for 5 years	7000
Land Charges per crop cycle	5000
Supervision	37905
SUBTOTAL	<u>\$78,925</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	<u>\$331,625</u>

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

WESTMORELAND

Parish	Westmoreland
Extension Area	Savanna-la-mar
Crop	OKRA
Crop Maturity	1.5 Months
Reaping Period	4 Months
Planting Distance in cm (l x w)	90 x 90
Planting Density @ 0.4 hectare	4840
Terrain	Relatively Flat Land Farm
Land Preparation	Manual
Irrigated/Rain fed	Semi-Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	3,636
Cost of Production \$/Kg	\$63

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Cleaning	MD	5	1500	7500
Ploughing	MD	10	1500	15000
Prepare Planting Material	MD	1	1500	1500
Planting	MD	5	1500	7500
Pest Management	MD	6	1500	9000
Weeding	MD	20	1500	30000
Fertilising	MD	2	2000	4000
Harvesting	MD	24	1500	36000

Lunch	73	300	21900
SUBTOTAL			<u>\$132,400</u>

Material Inputs			
Planting Material			1000
Fertiliser			16000
Insecticide			12000
Herbicide			7000
Water			4500

SUBTOTAL			<u>\$40,500</u>
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Other Costs			
Transportation (10 percent of material)			4050
Contingencies (10 percent of labour and material)			17290
**Tools discounted for 5 years			7000
Land Charges per crop cycle			1667
Supervision			25935
SUBTOTAL			<u>\$55,942</u>
TOTAL OPERATING EXPENDITURE PER CROP CYCLE			<u>\$228,842</u>

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