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MINISTRY OF AGRICULTURE, LANDS, FISHERIES
AND FORESTRY

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FOREWORD

The Agricultural Statistical Digest, a publication of the Statistical Unit of the Ministry of Agriculture is designed to provide information on Agriculture and Fishing.

This edition provide data specifically for the period January to December 1992. Data for the four year period 1988 to 1991 is furnished as well.

The Unit wishes to thank its sources, who so willingly supplied the data, and would welcome any criticism or suggestions relating to the improvement of information in this publication.

EXPLANATORY NOTES TO THE TABLES

The Agricultural Statistical Unit advises its readers to carefully read the following notes before proceeding to the tables. The notes are intended to clarify the data as well as to acquaint readers with its sources of the data. It is therefore hoped that readers will be better equipped to interpret and use the data.

AGRICULTURAL FINANCING

Loans Approved for Agricultural and Fishing Activities

These figures are obtained from the St. Lucia Development Bank (SLDB). They relate to the number of loan applications which the SLDB has approved during each period. It should be noted that not all the funds are disbursed by the SLDB during the same period which the loans were approved.

THE BANANA INDUSTRY

The figures published for banana production represents total quantity of bananas purchased by the St. Lucia Banana Growers Association (SLBGA) from banana producers.

These quantities purchases account for an estimated 90 - 95% of the islands total production and are exclusively for exports mainly to the United kingdom, varying amounts maybe "left back" on the ship docks.

THE COCONUT INDUSTRY

Copra is delivered from an estimated 85% of the island's total production of coconut, and is purchased in bulk solely by the St. Lucia Coconut Growers Association (SLCGA). This association sell all the copra purchased to the Copra Manufacturers Limited (CML), represents all the island's production, therefore copra is not exported. However, a few coconuts are exported in the green (water nuts) and dried forms.

THE COCOA INDUSTRY

Data on cocoa beans are collected from the sole exporter of the crop - the St. Lucia Agriculturalist Association (SLAA). This exporter also supplies cocoa beans to local private individuals for domestic and commercial purposes from time to time. Purchases of cocoa beans by SLAA represents an estimated 90% of the island's cocoa beans production. Exports of cocoa beans are mainly to Europe, the United Kingdom and the United States of America.

DOMESTIC FOOD MARKETING

Presently, data concerning quantities and prices of domestic agricultural produce are obtained from the St. Lucia Marketing Board (SLMB) and the leading supermarkets on a regular basis. The produce price is the price the farmer/producer receives for his or her produce at the various marketing outlets.

THE LIVESTOCK SUBSECTOR

Table egg production data are sourced from an estimated 100 poultry farms islandwide and are monitored on a monthly basis by the Livestock Department of the Ministry of Agriculture.

The table egg production data does not include backyard production or subsistence farming. All eggs produced are consumed locally and local demand is supplemented by imports. The importation of table egg is handled solely by the SLMB.

TRADE IN OTHER AGRICULTURAL COMMODITIES

Ginger

The main exporter of ginger - the St. Lucia Marketing Board (SLMB), purchases the crop for exporting mainly to the United Kingdom. The ginger is graded into two categories - grade 1 and grade 2. On an average, grade 1 comprises 75 - 80% of the total quantity purchased and fetches a price of almost twice that of grade 2.

The harvesting season for ginger commences in January and ends in April. Purchases by SLMB represents an estimated 80 - 90% of the island's total production of ginger.

THE FISHING INDUSTRY

These figures relate to the estimated total amount of fish landed at the various fishing districts. Fish landings are monitored daily at the various fishing districts by the Fisheries Management Unit (FMU) of the Ministry of Agriculture. The fishing season extends from January to June and there are an estimated 372 boats on the island registered with the FMU.

An ongoing programme is established for boat registration with the Fisheries Co-operatives, and is done voluntarily by fishermen in order to obtain duty-free concessions as well as duty refund on gasoline.

NOTES

1. Symbols used in this digest.

- ... - Nil or Negligible
- N.A./(-) - Not available
- R - Revised
- P - Provisional

2. The figures in most tables are round off to the nearest final digit. Additions of those rounded off figures may not always agree exactly with the rounded off totals shown in the tables.
3. All values are in Eastern Caribbean (EC) dollars; EC\$2.71 equals US\$1.00
4. All trade data (i.e. import and export) for the 1992 period are provisional.

REVIEW OF THE AGRICULTURAL SECTOR

Preliminary estimates, from the Central Statistics Office, of agricultural contribution to gross domestic product (GDP) for the year 1992 is EC\$ 138.4 million or 14.2% of total GDP (see Table I-1). Overall, GDP increased by 6.5% relative to 1991. Agriculture's share of GDP was \$28 million or 25% above that of the previous year. Over the past five years, agricultural share of the GDP averaged 14.1% and ranged from 12.1% (in 1991) to 16.3% (in 1988).

The importance of the agricultural sector is reflected in its foreign exchange earning capacity. In the review year, agriculture export earnings accounted for 64% of total domestic export earnings. As indicated in Table I-2 banana export earnings constituted 96.5% of agricultural export earnings or 62% of total domestic export earnings. Total earnings from domestic exports was highest in the second quarter, which corresponded with the highest level of banana and consequently agricultural earnings. Banana export earnings surpassed that of 1991 by \$44.6 million, recording the highest level of earnings over the past five years.

Due to the growth pattern of banana and its response to weather conditions, banana production and exports have followed a cyclical pattern over the years, with production up during one year and modestly lower the following year. This could be observed from the data in Table I-2 and Table IV-1. Total domestic export earnings follows the same pattern primarily because of the dominance of banana exports in relation to total domestic exports.

Changing international trading agreements are expected to adversely impact on the foreign exchange earning capacity of the sector. Most importantly, the emerging single European Market will raise debate as regards the preferential trading arrangement between the African, Caribbean and Pacific (ACP) countries. Within the scope of the LOME Agreement ACP countries have over the years been provided with a secure market and above world market prices for bananas. In preparation for the challenges ahead, and tandem with the diversification thrust currently being propelled by the Ministry of Agriculture; the banana industry needs to focus on productivity and quality improvements and new marketing arrangements.

Table I – 1. Gross Domestic Product at Factor Cost Constant Prices (1990) (R)

Sector	Million E.C\$				
	1988	1989	1990	1991	1992 ^{p/}
Agriculture	129.9	116.1	130.6	110.5	138.4
Mining & Quarrying	3.8	6.5	5.1	5.4	5.9
Manufacturing	69.2	69.4	73.0	66.4	68.1
Construction	57.3	77.2	61.0	73.3	74.0
Electricity & Water	20.8	21.8	23.8	25.9	27.6
Wholesale & Retail Trade	123.3	130.3	146.2	145.5	147.4
Hotels & Restaurants	69.2	72.1	77.4	86.4	97.1
Transport	93.4	100.9	104.0	107.9	110.5
Communication	34.4	41.2	53.5	58.0	63.0
Banking & Insurance	58.7	70.3	74.4	77.6	82.3
Real Estate Etc	46.7	47.9	49.2	50.4	51.8
Government Services	105.9	130.8	123.0	128.3	131.3
Other Services	25.9	27.8	29.7	30.3	31.1
Less Imputed Banking Service Charge	41.0	47.4	52.0	52.6	55.4
Total	797.5	864.9	898.9	913.3	973.1

Source : Government Statistics Department

COMPARISON OF THREE MAIN SECTORS CONTRIBUTION TO G.D.P.

Fig. I - 1

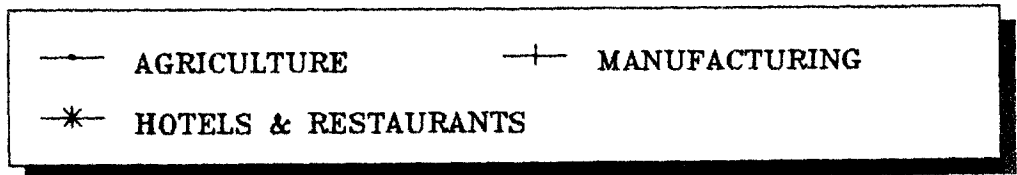
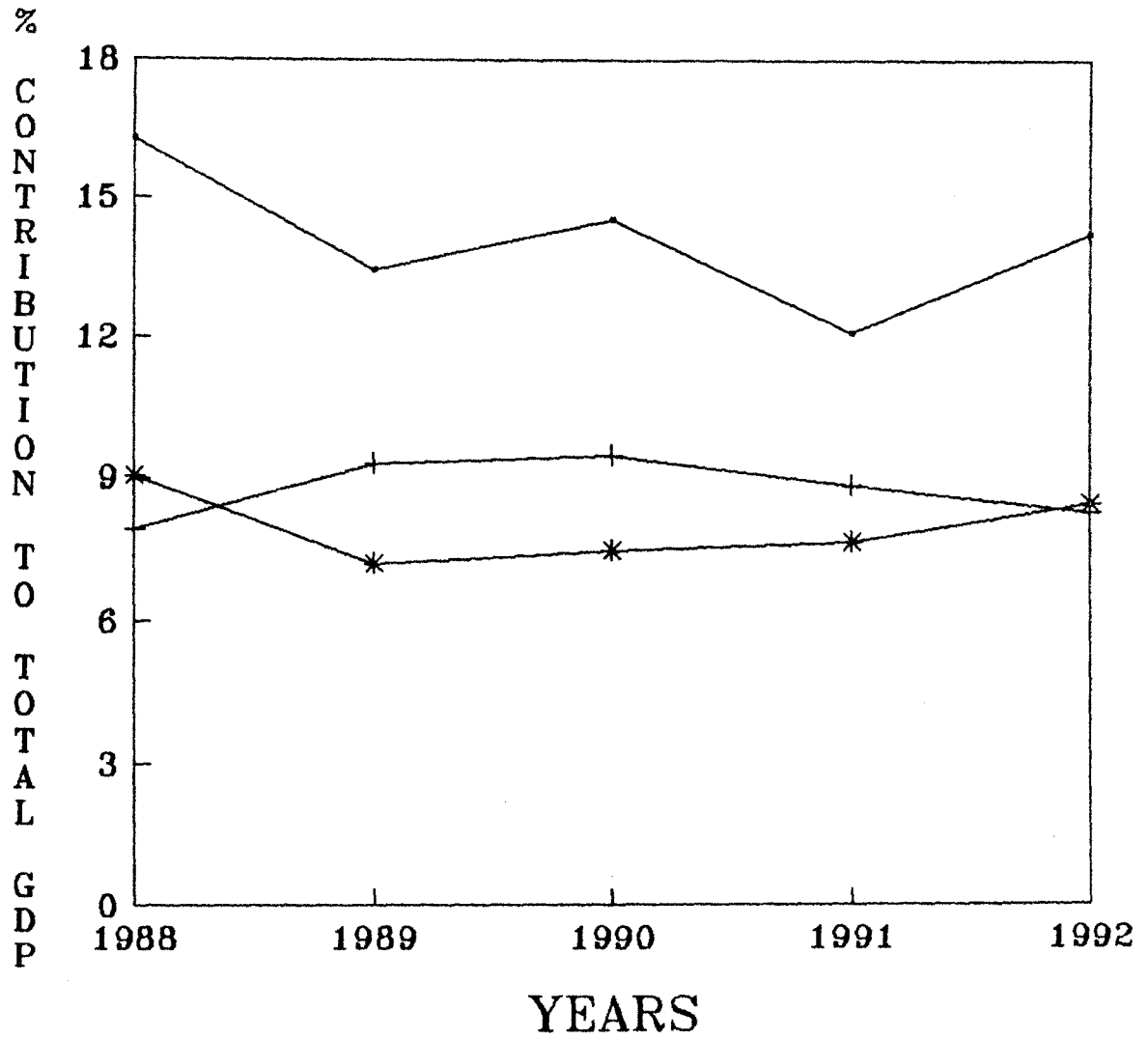


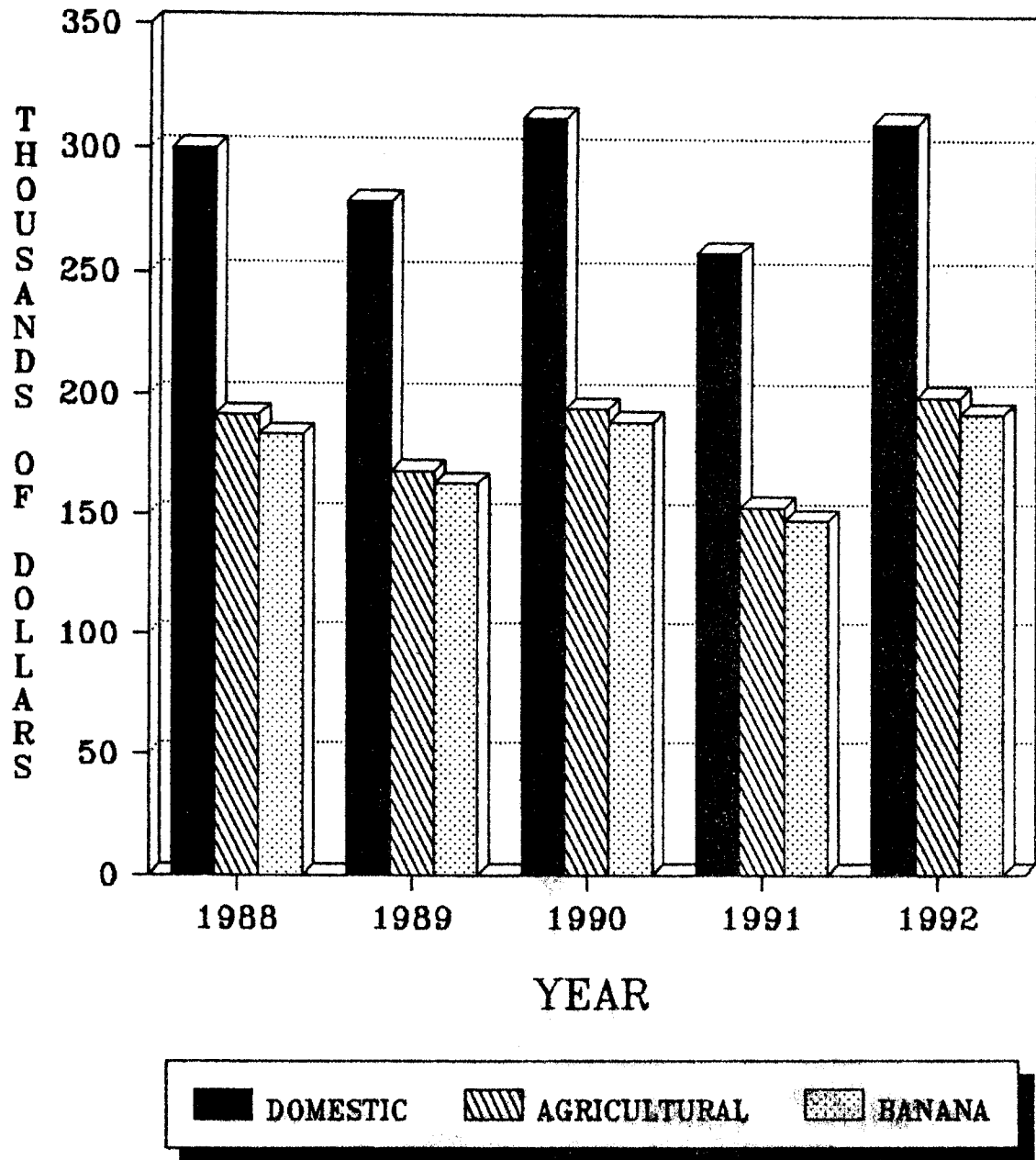
Table I- 2. Total Domestic Exports and Agricultural Exports (\$'000)

Period	Total Domestic Export (1)	Total Agricultural Export (2)	Banana Export (3)	2 as a % of 1	3 as a % of 2
1988	300012	191442	183502	64	96
1989	279143	168241	163051	60	97
1990	312808	194468	188877	62	97
1991	258794	153278	147815	59	96
1992 1st Quarter	71040	46597	45005	66	97
2nd Quarter	82999	56745	54826	68	97
3rd Quarter	77766	48188	46001	62	95
October	29147	18291	17832	63	97
November	24999	14562	14037	58	96
December	24937	15144	14759	61	97
4th Quarter	79083	47997	46628	61	97
Total 1992	310888	199527	192460	64	96

Source : Foreign Trade Report

DOMESTIC, AGRIC. AND BANANA EXPORTS 1988 - 1992

Fig. I - 2.



METEOROLOGICAL OBSERVATIONS

The average minimum and maximum temperatures recorded at the Union agricultural station during 1992 were 21.3 and 29.7 degrees celsius respectively. The average maximum temperature was above that of the previous year by 0.7 degrees celsius, while the average minimum temperature decreased by 1.3 degrees.

The highest and lowest temperatures were recorded during October with a difference of 11.4 degrees celsius, while for the corresponding period last year the widest disparity was at 8.4 degrees celsius in September. In general there were more pronounced fluctuations between average monthly temperatures in 1992 relative to the preceding year.

The mean relative humidity during the review year was 76%, which was 2% higher than 1991. The mean evaporation rate was recorded at 4.8mm per day.

Rainfall data from selected observation stations (see Table II-3) shows that the highest level of rainfall - 3127 mm was recorded in Soufriere at the Barthe Nursery. The Beausejour observation station in the south of the island recorded the least rainfall, 1317mm. There was more rainfall at all except one station during 1992, relative to 1991; the exception being Edmond Forest, which this year recorded slightly lower rainfall levels.

A higher than average rainfall level does not necessarily imply that crops did not suffer water stress. Hence more importantly is the water deficit situation at the various

agricultural belts around the island. Factors such as soil type, the slope of the land, soil and water conservation measures employed are important in determining water deficit.

According to information from the Agromet Bulletin 1992, published by the Agricultural Engineering Division, "Crops in Union, Roseau and other meteorological moderate areas would have experienced water stress in the first five months of the year. In drier areas such as Vieux Fort, Cap Estate and Delcer water stress was also experienced in July, August, October and December.

**Table II - 1. Average Monthly Minimum and Maximum Temperature 1/
(degrees celsius)**

Month	1988		1989		1990		1991		1992	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
January	22.5	29.3	20.4	28.9	22.7	28.7	22.7	27.8	20.4	28.9
February	22.7	29.0	19.0	28.6	21.6	28.4	22.1	27.8	21.0	28.9
March	22.5	29.6	19.2	28.7	22.6	28.9	22.3	28.1	20.6	28.3
April	23.2	30.1	17.0	...	22.7	29.7	23.6	28.3	22.4	29.5
May	24.8	30.8	18.2	...	25.0	30.1	24.3	29.5	23.2	30.0
June	25.0	30.9	20.0	...	24.5	30.2	23.6	29.7	22.8	29.3
July	23.9	30.8	19.5	30.6	24.7	30.3	22.9	29.5	22.4	30.6
August	24.2	30.4	18.1	31.0	23.5	30.9	22.1	30.3	21.5	30.7
September	24.1	30.7	18.3	31.0	24.1	31.5	21.8	30.2	20.8	30.2
October	23.8	30.4	...	31.1	23.6	31.3	22.5	29.9	19.8	31.2
November	24.1	30.1	24.0	30.1	22.9	29.9	22.5	29.4	20.3	29.8
December	22.9	29.2	22.5	29.3	21.4	28.6	20.4	27.9	20.1	29.1
Yearly Average	23.6	30.1	19.7	29.9	23.3	29.9	22.6	29.0	21.3	29.7

Source: Engineering Division, Ministry of Agriculture

1/ - Data recorded at Union Agricultural Station

Table II – 2. Temperature, Relative Humidity, Wind and Evaporation Recorded at Union Agricultural Station

Period	Mean Temperature (degrees Celcius)			Mean Relative Humidity (%)	Mean Evaporation (mm) 1/
	Max	Min	Mean		
1988	30.1	23.6	26.9	75	4.6
1989	29.9	19.7	24.8	77	5.2
1990	29.9	23.3	26.6	77	4.5
1991	29.0	22.6	25.8	74	4.5
1992 1st Quarter	28.9	20.7	24.8	75	4.5
2nd Quarter	29.6	23.9	26.8	75	4.8
3rd Quarter	30.5	21.5	26.0	77	5.4
October	31.2	19.8	25.5	73	4.7
November	29.8	20.3	25.1	83	4.5
December	29.1	20.1	24.6	75	3.8
4th Quarter Average	30.0	20.1	25.1	77	4.3
Average 1992	29.8	21.5	25.7	76	4.8

Source : Engineering Division – Ministry of Agriculture

1/ – Mean Evaporation per Day.

ANNUAL TEMPERATURE RANGE

Fig. II - 1

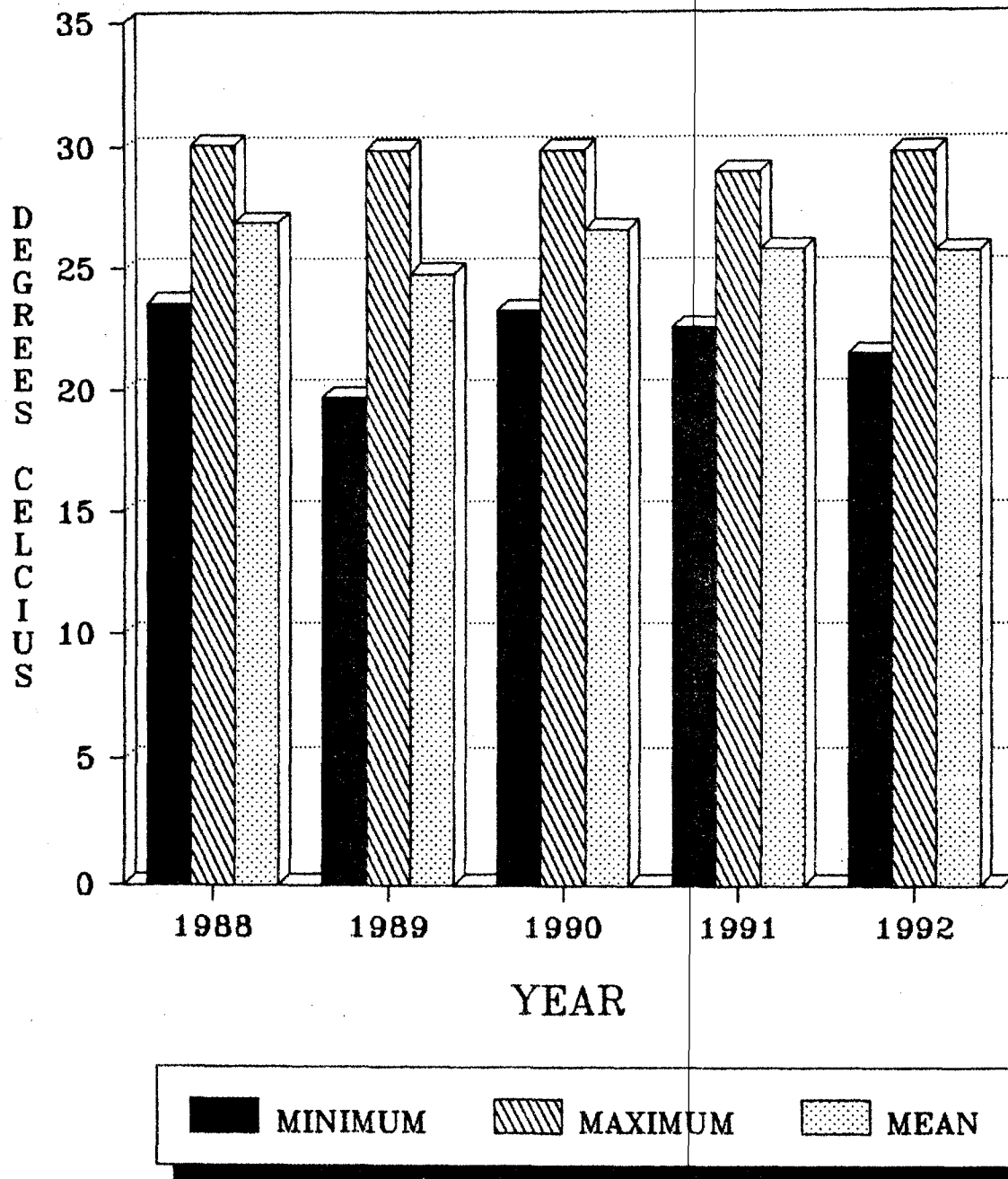


Table II – 3. Rainfall Data (mm) from Observation Stations

Stations	1988	1989	1990	1991	1992
Marquis Estate	1898.7	2063.3	1872.9	1435.7	2154.0
Marquis, Babonneau	1636.6	1790.5	180.1	N.A	N.A
Trouya	1753.4	1651.9	1665.7	1452.1	1972.6
Union	2233.3	2090.2	2115.3	1876.8	2320.8
George V Park	1495.8	1488.6	2110.1	825.0	1838.9
Government House	1333.6	1472.7	2295.2	1658.7	1970.4
Roseau, Winban	2264.3	2030.2	2209.2	1516.6	2284.4
Barre D'isle	2661.1	2447.2	2496.5	2095.7	2627.3
La Caye	1806.9	1937.9	1886.5	1345.7	1816.9
Mamiku	1731.6	1973.7	1687.6	1318.0	1539.9
Patience	1980.1	479.0	1909.6	1557.7	2087.0
Mahaut	2972.3	3163.9	2813.4	2301.0	3097.9
Beausejour	N.A.	1685.8	1591.8	1096.9	1707.3
Bath Nursery	3275.8	2959.4	2474.1	2303.7	3127.7
Union Vale	2269.1	1979.4	1905.3	2007.3	2204.6
Edmond Forest	2587.1	3028.9	3622.2	2716.2	3117.0
Troumassee	1671.2	1380.2	1665.3	1217.6	1769.0
Hewannora Airport	1346.6	1888.9	976.3	943.8	1693.4

Source : Engineering Division, Ministry of Agriculture

Table II - 4. Rainfall Data (mm) from Observation Stations - 1992

Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1992
Marquis Estate	51.0	67.8	35.6	67.8	191.6	244.5	117.3	252.1	407.4	41.5	586.5	90.9	2154.0
La Caye	47.5	50.8	35.0	50.0	194.2	174.6	109.0	195.3	278.1	74.0	513.7	94.7	1816.9
Trouya	62.3	58.0	40.7	71.2	83.8	192.1	191.1	183.3	393.1	58.0	564.6	74.4	1972.6
Union	66.2	94.2	60.4	83.0	120.2	231.0	200.3	271.9	383.5	69.2	596.2	144.7	2320.8
George V Park	-	83.3	39.9	61.1	130.9	252.2	185.2	199.2	188.2	96.2	442.6	180.1	1838.9
Government House	57.3	74.6	36.7	66.5	106.3	288.5	148.6	302.2	340.7	51.9	308.3	188.8	1970.4
Roseau, Winban	82.2	96.7	41.1	68.4	72.3	277.6	203.6	294.9	472.9	87.2	438.9	148.6	2284.4
Barre D'Isle	105.6	112.4	45.6	71.4	291.6	236.5	181.2	298.7	379.6	163.0	570.4	171.3	2627.3
Mamiku	42.4	51.1	22.8	60.2	110.5	220.7	96.7	132.8	233.6	74.0	495.1	-	1539.9
Patience	65.4	66.1	25.9	65.7	139.7	308.1	123.4	172.4	296.5	54.3	587.6	181.9	2087.0
Errard Estate	69.0	97.3	61.1	82.9	274.9	252.4	116.0	209.0	308.9	168.1	695.6	188.3	2523.5
Mahaut	114.7	93.5	71.0	122.4	285.1	360.9	199.2	270.8	389.1	137.8	798.4	255.0	3097.9
Barthe Nursery	121.9	110.8	91.0	131.7	232.5	420.6	227.1	283.4	467.6	120.9	664.6	255.6	3127.7
Union Vale	51.1	51.3	43.1	66.6	166.7	346.6	172.0	233.9	320.2	54.4	503.8	194.9	2204.6
Edmond Forest	-	-	-	-	304.5	457.0	297.6	401.3	548.6	208.7	770.5	-	2988.2
Troumasses	57.3	34.5	23.5	54.6	115.1	223.2	121.6	185.9	229.6	60.2	549.4	114.1	1769.0
Hewannora Airport	44.6	46.9	10.2	47.9	98.1	235.3	146.2	134.3	273.9	91.0	451.6	113.4	1693.4
Cap Estate	38.9	39.3	22.3	24.4	149.8	243.9	135.2	158.7	247.3	38.0	513.1	78.7	1689.6
Beausejour	58.0	27.1	15.2	43.6	148.7	225.0	144.4	167.1	236.0	71.8	470.2	100.2	1707.3
Vigie Airport	70.6	73.8	36.7	62.9	97.9	268.5	207.1	306.7	345.8	65.8	422.9	150.0	2108.7

Source: Engineering Division - Ministry of Agriculture

AGRICULTURAL FINANCING

A total of 235 loans, amounting to \$4.6 million, were granted by the St. Lucia Development Bank in 1992 for agriculture and fishing. Funding was provided by the Caribbean Development Bank (CDB), the Small Farmers Agricultural Development (SFAD) project and the National Insurance Scheme (NIS).

It should be noted that the value of loans approved in 1992 was significantly higher than the preceding year. The total value of loans approved was \$3.35 million higher than 1991. This could be attributed in large measure to a special line of credit made available to farmers specifically for land acquisition with loan funds provided by the NIS. This funding supported 53 loans to the tune of approximately \$3 million, and accounted for 65% of the total value of agricultural loans approved by the bank.

The SFAD line of credit which came to an end during 1992 accounted for 7% of loans granted, at a value of \$334,000. In the penultimate year of the project \$809,000 or 63% of agricultural loan disbursements were granted to beneficiaries.

CDB funding was utilised for 112 loans, 73 more than 1991. Financing from this source which was approximately \$1.3 million was significantly higher (\$828,000) than last year.

Sixteen (16) loans amounting to \$175,000 were provided in the 6-10 acre category for farm development. All of the other loans granted for farm development last year went to small farmers in the 1-5 acre category.

Loans provided for the development of the fisheries subsector totalled \$552,000, which represented a 250% increase over the value of loans approved for this purpose in 1991.

Table III – 1. Number, Value and Percentage of Agricultural and Fishing Loans Approved by Type of Credit Scheme

Type of Credit Scheme	CDB			SFAD			Local			Total		
	Period	No.	\$'000	%	No.	\$'000	%	No.	\$'000	%	No.	\$'000
1988	92	1129	68	102	447	27	8	77	5	202	1653	100
1989	91	707	62	97	425	38	–	–	–	188	1132	100
1990	87	903	58	77	630	40	1	27	2	165	1560	100
1991	39	469	37	149	809	63	–	–	–	188	1278	100
1992	112	1297	28	70	334	7	53	3001	65	235	4632	100

Source: St. Lucia Development Bank

CDB:– Caribbean Development Bank

FIC:– Farmer Improvement Credit

SFAD:– Small Farmer Agricultural Development

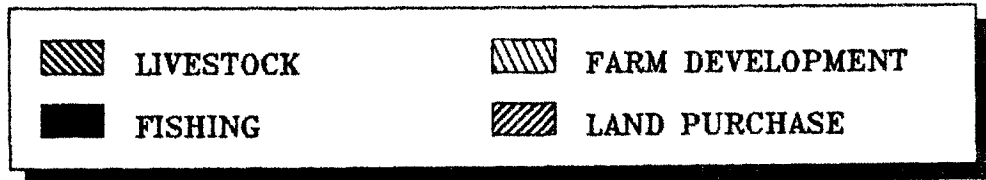
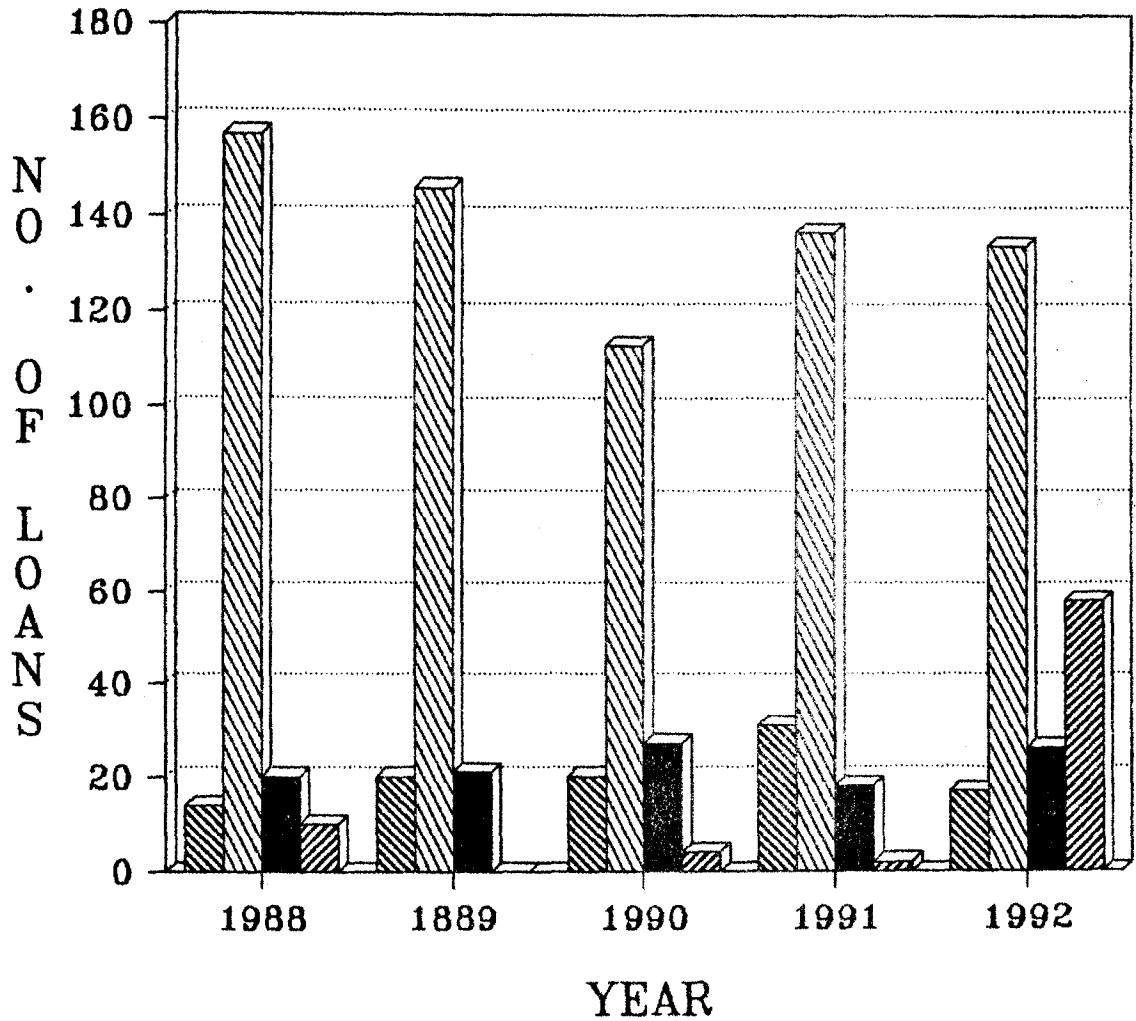
**Table III – 2. Loans Approved for Agricultural and Fishing Activities
by Number, Value and Type of Activity**

Type of Activity	1988		1989		1990		1991		1992	
	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000
<u>Livestock</u>										
– Poultry	4	55	17	186	17	198	25	297	8	111
– Cattle	–	–	–	–	–	–	–	–	–	–
– Sheep	–	–	–	–	–	–	–	–	–	–
– Pigs	8	113	2	60	2	23	6	81	8	126
– Bees	2	4	1	1	1	3	–	–	1	3
Total Livestock	14	172	20	247	20	224	31	378	17	240
<u>Fishing</u>	20	130	21	124	27	156	18	158	26	552
<u>Farm Development</u>										
– 1–5 acres	93	491	93	386	72	898	137	730	118	628
– 6–10 acres	64	499	52	329	41	262	–	–	16	175
– 11+ acres	–	–	1	4	–	–	–	–	–	–
Total Farm Development	157	990	146	719	113	1160	137	730	134	803
<u>Industry</u>	1	3	1	5	1	2	–	–	–	–
<u>Land Purchase and Development</u>	10	358	–	37	4	18	2	12	58	3037
Grand Total	202	1653	188	1132	165	1560	188	1278	235	4632

Source : St. Lucia Development Bank

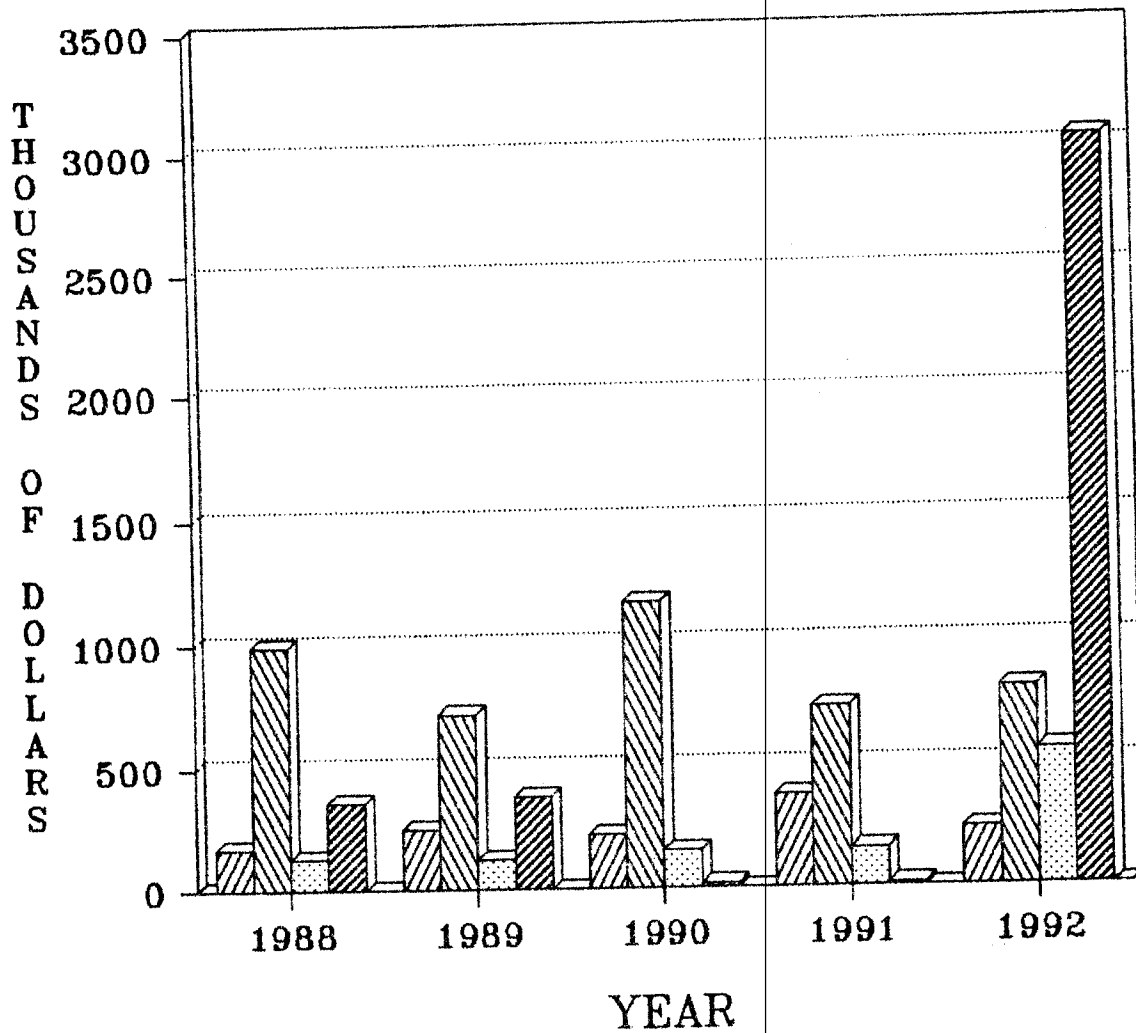
NUMBER OF AGRIC. LOANS DISBURSED BY TYPE OF ACTIVITY

Fig. III - 1



VALUE OF AGRIC. LOANS DISBURSED BY TYPE OF ACTIVITY - (EC\$)

Fig. III - 2



	LIVESTOCK		FARM DEVELOPMENT
	FISHING		LAND PURCHASE

THE BANANA INDUSTRY

Data¹ from the St. Lucia Banana Growers Association (SLBGA) indicates that banana purchases and exports during 1992 totalled 135,372 tonnes and 130,857 tonnes respectively. The difference between the two represents the quantity of left back fruit which amounted to 3.3% of purchases. Relative to 1991, banana purchases increased by 36%, while exports increased by 32%. Left back fruit in 1991 was less than 1% of purchases.

Exports peaked at 39,932 tonnes in the final quarter of 1992, this was between 8,000 and 10,000 tonnes higher than the preceding quarters. During the final quarter, 2,268 tonnes of fruit were left back, accounting for approximately 50% of total left back fruit at the ports.

Foreign exchange earnings from bananas in 1992 was \$184.8 million (see Table IV-4). This was an additional \$38.4 million above earnings in 1991. St. Lucia banana export earnings accounted for 49% of total Windward Islands banana export earnings according to WINBAN records. Over the past five years, only in 1990 was earnings from banana exports higher than the review year.

The value of the pound sterling fluctuated between \$4.21 and \$5.10 Eastern Caribbean dollars to the pound sterling. Both the

1

It is important to note that there may be some differences and a lack of consistency in the banana data presented in Table IV-1 to IV-4. This is because the data emanates from different sources and are collected with varying levels of precision for different purposes.

value of the pound and the green market price decreased significantly during the latter part of 1992. In fact, the exchange rate for the pound sterling dropped by E.C\$0.36 relative to 1991. On average in 1992, farmers received approximately 30% of the green market price, which is the price paid by purchasers in the U.K.

Table IV – 1. Banana Purchases and Exports

Period	Tonnes	
	Purchases 1/	Exports 2/
1988	147131	136102
1989	127016	125593
1990	133562	131869
1991	99380	99044
1992 1st Quarter	31294	31014
2nd Quarter	32834	30871
3rd Quarter	29044	29040
October	14315	13685
November	12617	12145
December	15268	14102
4th Quarter	42200	39932
Total 1992	135372	130857

Source : St. Lucia Banana Growers Association

1/ – These are purchases made by SLBGA from the Buying Depots and Private Estates.

2/ – These are sales to Geest by SLBGA

BANANA PURCHASES & EXPORTS

Fig. IV - 1

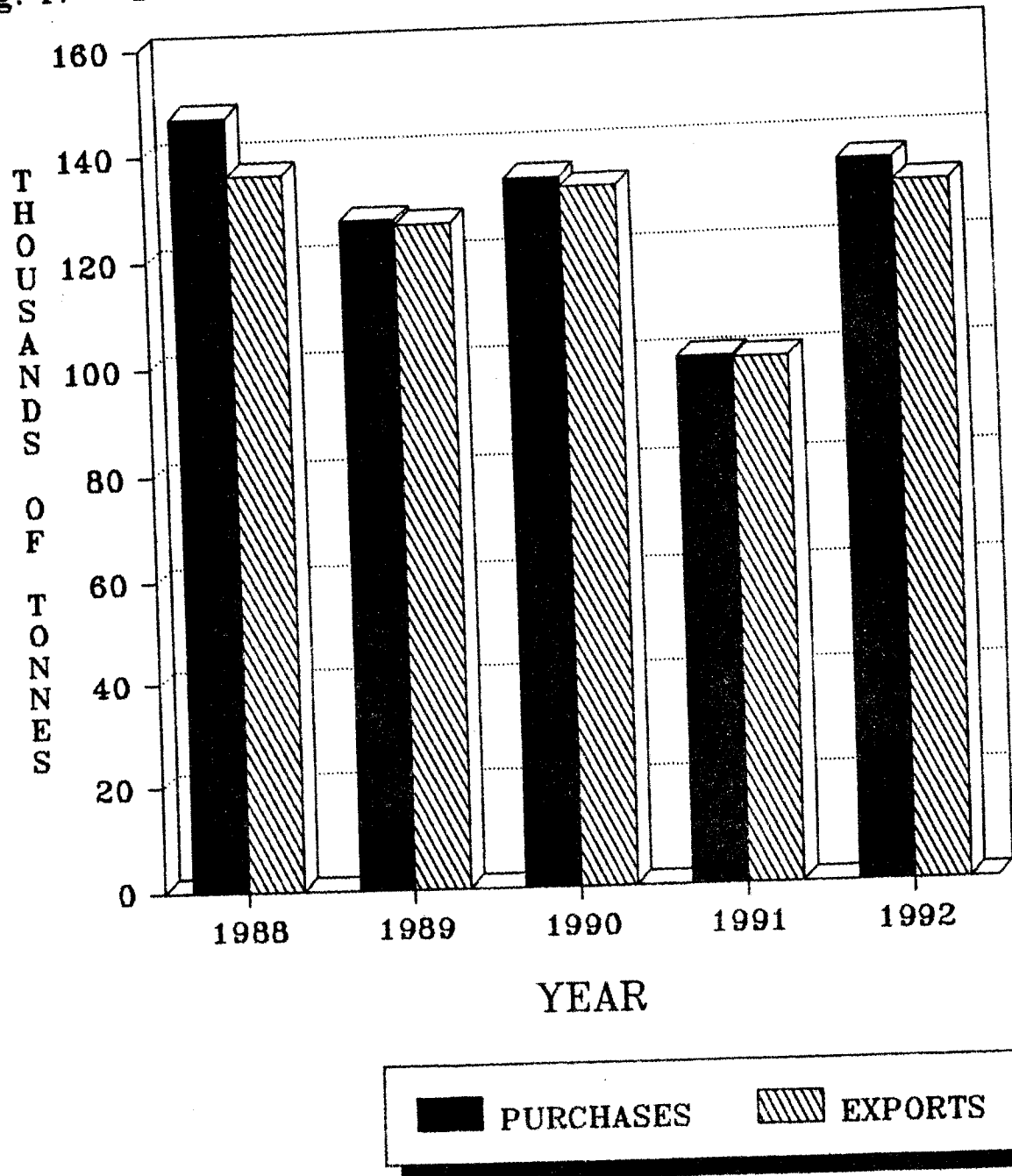


Table IV – 2. Banana Purchases (tonnes) by Boxing Depots

Buying Depots	Zone	1992							Total 1992	Total 1991
		1st Quarter	2nd Quarter	3rd Quarter	October	November	December	4th Quarter		
Fond Assau	A – 1	225	238	187	45	50	51	146	796	608
Forestierre	A – 2	148	196	119	19	27	35	81	544	410
Union	A – 3	–	–	–	–	–	–	–	–	–
Ti Rocher	A – 4	21	24	29	14	14	5	33	107	175
Deneriere Riviere	B – 1	352	405	382	138	148	163	449	1588	1207
Gadette	B – 2	294	483	477	140	121	152	413	1667	896
Grand Riviere	C – 1	961	1135	934	394	385	428	1207	4237	3038
Theobald	C – 2	270	285	272	109	103	99	311	1138	627
Errard	C – 3	406	469	362	131	125	139	395	1632	1410
Troumassee	F – 1	580	569	612	176	221	281	678	2439	2061
Retraite	H – 1	268	256	281	106	138	178	422	1227	725
Belle Vue	H – 2	989	1084	1132	358	429	553	1340	4545	2849
Banse	H – 3	428	429	465	166	248	–	414	1736	1353
Morne Cayenne	H – 4	372	424	474	163	176	234	573	1843	1232
Victoria	I – 1	–	–	–	–	–	–	–	–	19
S.L.M.F.	I – 2	837	974	1073	295	378	258	931	3815	–
Odsan	J – 1	333	380	314	86	99	125	310	1337	1129
Vanard	J – 2	558	599	569	147	177	152	476	2202	1656
Bexon	J – 3	159	182	147	40	51	59	150	638	546
Private Estates		24157	24753	23584	9045	9458	19175	37678	110172	80660
Total		31358	32885	31413	11572	12348	22087	46007	141663	100601

Source : St. Lucia Banana Growers Association

Table IV – 3. Banana Price Structure

Period	Average sterling price Value – E.C\$	Price (\$.C per kg)		
		Green Market Price 1/	Price Paid to SLBGA 2/	Price Paid to Producers 3/
1988	4.77	2.37	1.37	0.55
1989	4.39	2.19	1.26	0.64
1990	4.81	2.52	1.40	0.65
1991	4.74	2.59	1.48	0.74
1992 1st Quarter	4.73	2.40	1.36	0.68
2nd Quarter	4.86	2.67	1.47	0.73
3rd Quarter	5.10	2.60	1.53	0.81
October	4.38	2.12	1.25	0.70
November	4.09	2.00	1.08	0.68
December	4.15	2.00	1.06	0.66
4th Quarter	4.21	2.04	1.13	0.68
Average 1992	4.72	2.43	1.37	0.73

Source : St Lucia Banana Growers Association

1 – Price paid by purchaser in the U.K. to Geest Industries for the Green Fruit

2 – Price paid by Geest Industries to SLBGA

3 – Price paid by SLBGA to the Banana Producers

Table IV – 4. Comparative Banana Exports by Quantity and Value – Windward Islands

Period	St. Lucia		St. Vincent		Dominica		Grenada	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	128120	176902	61850	84893	71477	99575	9130	12630
1989	125593	157717	65670	81680	50316	64813	8622	11010
1990	133793	186999	79568	110655	56621	85597	7487	10346
1991	100601	146390	63082	89479	55257	80898	6926	117726
1992 1st Quarter	30548	42480	20897	27753	14453	19926	1728	2218
2nd Quarter	32873	51812	16937	26218	15515	24194	1480	2071
3rd Quarter	29043	44301	15302	21880	13616	20858	1459	1997
October	13949	17852	7868	9051	4981	6399	280	241
November	12337	13337	6729	7093	4414	5106	523	488
December	14102	15067	9628	9409	5045	5695	830	809
4th Quarter	40388	46256	24225	25553	14440	17200	1633	1538
Total 1992	132852	184849	77361	101404	58024	82178	6300	7824

Source : WINBAN

Table IV – 5. Price Range of Banana Inputs for 1992

Type of Inputs	Unit of Quantity	Price Range E.C. \$. C
Blue Diothene – Large	30 Kg roll	182.00 – 205.00
Blue Diothene – Treated	30 Kg roll	265.00
Blue Diothene – Small	15 Kg roll	90.00 – 111.00
<u>FERTILIZERS</u>		
Fertilizer N.P.K.	50 Kg Bag	45.00 – 51.00
Sulphate of Ammonia	50 Kg Bag	32.00
Triple Superphosphate	50 Kg Bag	84.00 – 86.00
Muriate of Potash	50 Kg Bag	49.00
Urea	50 Kg Bag	53.00 – 55.00
Dolomite Lime	50 Kg Bag	35.00
<u>WEEDICIDES</u>		
Daconate	Gallon	35.00
Dalapon	25 Kg Bag	275.00 – 341.00
Gesapax	5 Litre	83.00
Gramaxone	5 Litre	56.00 – 57.00
Gramaxone	1 Litre	12.00 – 13.00
Maloran	20 Kg BAg	898.00
Reglone	5 Litre	68.00 – 72.00
Reglone	1 Litre	17.00
Round Up	Gallon	169.00
Talent	3.5 Litre	87.00
<u>INSECTICIDES</u>		
Furadan	25 Kg Bag	168.00 – 193.00
Furadan	10 Kg Bag	73.00 – 78.00
Primicid	5 Litre	127.00 – 130.00
Vydate	Gallon	87.00
<u>FUNGICIDES</u>		
Mertect	1 Litre	225.00
Calixin	1 Litre	44.70

Source : St. Lucia Banana Growers Association

Table IV – 6. Imports of Fertilizer by Type, Quantity and Value

Period	Ammonium Nitrate		Ammonium Sulphate		Urea		Other Fertilizers	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	16	34	4103	888	167	117	14051	9130
1989	2015	1206	1645	580	18	15	14054	9831
1990	797	512	1677	438	2497	147	16006	7423
1991	1366	1397	2996	2138	304	295	6374	5278
1992 1st Quarter	18	26	1545	642	21	22	1568	1600
2nd Quarter	1468	984	—	—	49	69	3414	2555
3rd Quarter	—	—	—	—	8	12	1573	1197
October	—	—	—	—	1	3	30	244
November	—	—	—	—	—	—	503	406
December	180	29	—	—	—	—	1544	1142
4th Quarter	180	29	—	—	1	3	2077	1792
Total 1992	1666	1039	1545	642	79	106	8632	7144

Source: Foreign Trade Report

THE COCONUT INDUSTRY

Purchases of copra by the St. Lucia Coconut Growers Association, totalled 3300 tonnes, at a value of \$2.6 million. This figure represents the lowest level of copra purchases in the past five years. The highest quantity of purchases recorded during that period was 5035 tonnes in 1990.

Foreign exchange earnings from the exports of copra products from St. Lucia plummeted in 1991. Earnings in that year was a mere \$1.56 million in comparison to \$9.34 million in 1990. This significant decline was primarily due to deteriorating market conditions which came to the fore during that period. In 1992, exports further declined to \$1.21 million.

Exports of unrefined coconut oil dropped considerably to 2000 liters in 1992. In previous years, foreign exchange earnings from the sale of unrefined coconut oil constituted a significant share of coconut products. Exports of refined oil however increased by 21%.

Laundry soap export earnings improved during the year under review from \$3,000 in 1991 to \$34,000, representing exports of one (1) tonne and 14 tonnes respectively. The data in Table V-2 shows that in the past five years, foreign exchange earnings from the sale of laundry soap peaked in 1989, recording sales of \$164,000.

In 1989, the golden jubilee of the industry, efforts were directed at revitalizing the industry. The industry's performance

improved in 1989 and 1990, but this was followed by a slump during the past two years. This could be attributed in part to the declining economic situation of our major CARICOM trading partners.

A substantial quantity of fresh coconuts are presently available on the local market. The trade is burgeoning most in the Castries area, where fresh nuts are available daily. Fresh nuts fetches a higher price than copra and hence vendors find it more profitable than the copra trade.

Table V – 1. Copra Deliveries to Principal Purchaser

Period	Quantity (TONNES)	Value \$'000
1988	3824	3787
1989	4354	4788
1990	5035	5539
1991	3985	3700
1992 1st Quarter	521	343
2nd Quarter	913	603
3rd Quarter	805	708
October	280	246
November	336	296
December	445	392
4th Quarter	1061	934
Total 1992	3300	2588

Source : St. Lucia Coconut Growers Association

COPRA PURCHASES BY PRINCIPAL PURCHASER

Fig. V - 1

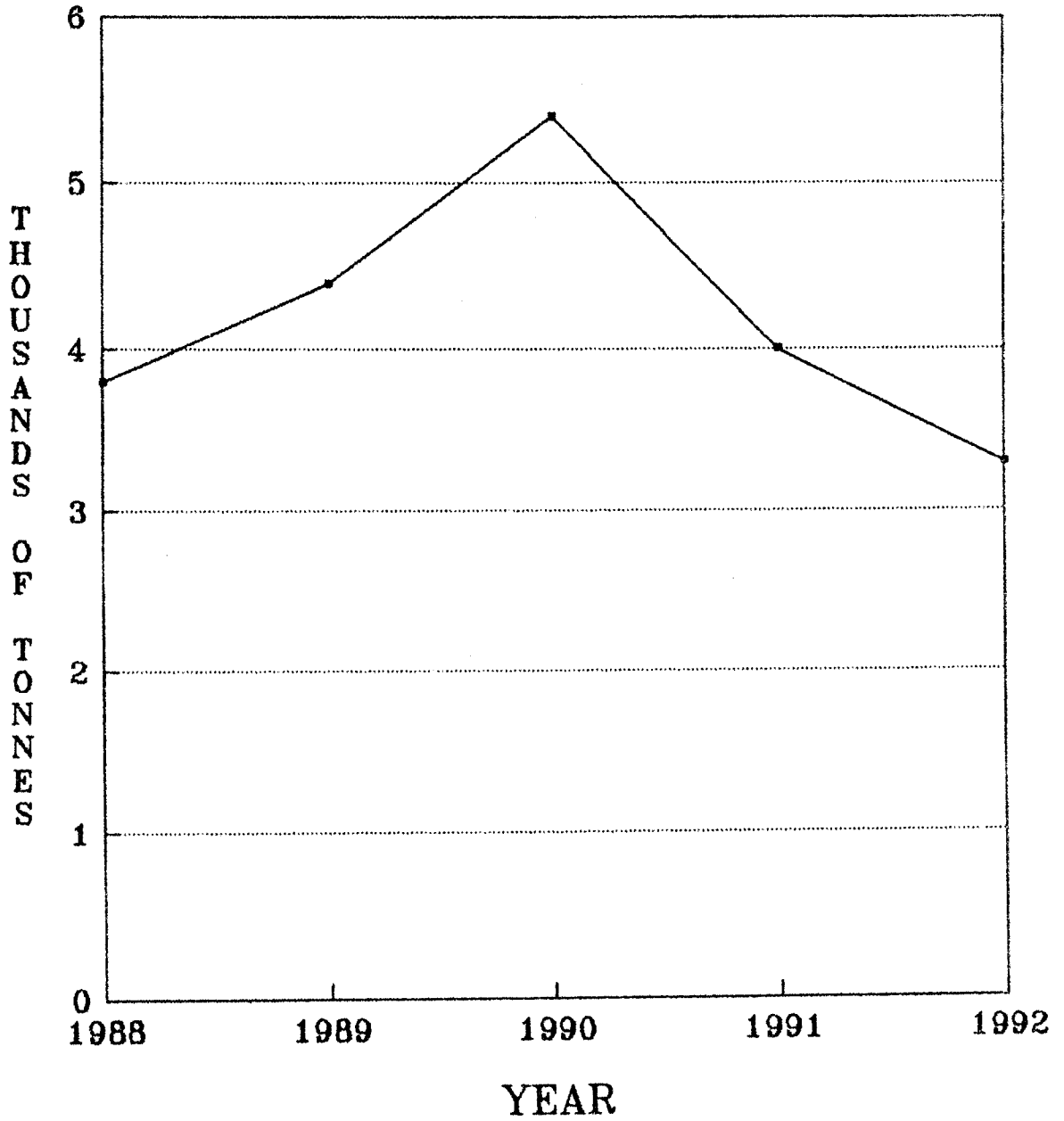


Table V – 2. Exports of Copra Products by Quantity and Value

Period	Coconut Oil				Laundry Soap		Coconut Meal		Total Value \$'000
	Refined		Unrefined		Quantity	Value	Quantity	Value	
	000 Litres	\$'000	000 Litres	\$'000	Tonnes	\$'000	Tonnes	\$'000	
1988	2258	3507	423	1129	20	32	567	155	4823
1989	2720	6705	1094	2045	174	164	1284	187	9101
1990	2793	8527	275	570	95	85	570	154	9336
1991 R/	851	2236	639	1326	1	3	443	140	3705
1992 1st Quarter	151	152	–	–	–	–	19	3	155
2nd Quarter	98	132	2	6	–	–	193	66	204
3rd Quarter	367	321	–	–	–	–	–	–	321
October	51	39	–	–	–	–	–	–	39
November	148	146	–	–	14	34	16	32	212
December	213	277	–	–	–	–	–	–	277
4th Quarter	412	462	–	–	14	34	16	32	528
Total 1992	1028	1067	2	6	14	34	228	101	1208

Source : Foreign Trade Report

THE COCOA INDUSTRY

Purchases of cocoa beans by the St. Lucia Agriculturist Association (SLAA), the sole exporter, in 1992 increased significantly by 18 tonnes, from 43 tonnes in the preceeding year to 61 tonnes. This was the highest level of purchases recorded in the past five years (see Table VI-1). This may be attributed in large measure to benefits arising from the cocoa replanting and rehabilitation projects undertaken in the latter part of the 1980s through funds provided by EEC/ACP Lome 11 - Stabex Programme and the Pan-American Development Foundation (PADF). The project also focussed on research/extension, training, production incentives and post harvest quality enhancement measures.

Exports of cocoa beans in 1992 amounted to 37 tonnes, at a value of \$265,000 with the bulk of exports being registered in the first quarter. Only 9 tonnes were exported in the third quarter, and there were no exports in the final quarter.

It is estimated that only 50% of the cocoa crop is harvested annually. The unavailability of processing facilities have been sighted as the principal reason for the low level of harvesting. This has also accounted, in part, for farmers lack of motivation to expand their operations. Cocoa planting material is available in large quantities at the Union Agricultural Station but problems are

being experienced with distribution.

The Ministry of Agriculture intends to reactivate farmers' interest in the crop, through the implementation of measures designed to:

- (1) secure the export market for Cocoa, in the medium term
- (2) establish adequate facilities for the processing of quality cocoa beans
- (3) ensure the ready availability of production inputs, particularly planting material as well as
- (4) the transfer of appropriate technological packages as regards production and post harvest treatment of cocoa.

The unique flavour of cocoa bean from St. Lucia enhances the ability to attract a premium price in the market place. Producers are presently paid a fixed price of \$6.60 per kg. There is a reliable company willing to purchase all of our good quality processed cocoa beans at a price above the average world price.

Table VI – 1. Purchases and Exports (R) of Cocoa Beans

Period	Purchases by Principal Exporter (Tonnes)	Export		Average Price Paid to Producers \$.C/kg
		Quantity (Tonnes)	Value \$'000	
1988	46	46	325	6.29
1989	33	31	214	6.05
1990	52	47	338	6.05
1991	43			6.60
1992 1st Quarter	27	28	203	6.60
2nd Quarter	14	—	—	6.60
3rd Quarter	9	9	62	6.60
October	1	—	—	6.60
November	3	—	—	6.60
December	7	—	—	6.60
4th Quarter	11	—	—	6.60
Total 1992	61	37	265	6.60

Source : St. Lucia Agriculturist Association & Foreign Trade Report

EXPORTS OF COCOA BEANS

Fig. V - 2



DOMESTIC FOOD MARKETING

The data presented in Tables VII-1 to VII-3 relates to local purchases and wholesale prices of produce from the leading supermarkets in the Castries area and the St. Lucia Marketing Board. It does not include produce sold at the Central Market which constitutes a significant share of the local fresh produce trade.

The Ministry of Agriculture has over the years targeted five vegetables namely cabbage, carrot, tomato, lettuce and sweet pepper as part of the country's import substitution drive. Production is monitored and licenses are issued for the importation when demand exceeds the local supply.

The quantity of Cabbage sold to the selected marketing outlets was 67 tonnes, 12 tonnes less than in 1991. Using purchases as a proxy for production, it can be inferred from Table VII-1 that production was low in the last quarter of the year. Traditionally the demand for vegetables is high during that period. Sixty eight (68) tonnes of Cabbage was imported in the final quarter at a cost of \$113,000 (see Table IX-6).

The carrots produced in St. Lucia are not able to compete effectively with the imported substitutes, especially as regards appearance, size, texture and taste. The hotels and to a lesser extent local consumers have preference for and consume large quantities of imported carrots. This is partly due to the islands generally unfavorable soil type for carrot cultivation. Production

throughout the year is unable to satisfy demand. Data from Table VII-1 shows that domestically produced supplies were very low during the second half of the year. Purchases of locally grown carrots declined by 35% from 12.7 tonnes in 1991 to 8.3 tonnes. Negligible quantities of local carrot were available for purchase by the leading supermarkets in November. Carrots were imported year round totalling 259 tonnes at a value of \$650,000.

Lettuce and pepper (sweet and seasoning) followed a similar trend as cabbage and carrot, with purchases being particularly low during the last quarter of the year. Likewise, local tomatoes were more readily available during the first five months of the year. The bulk of the imports were done during the low production months.

The prices paid to producers/middlemen for the aforementioned vegetables were influenced by supply, quality and the availability of substitutes among others. Hence it is not always evident from the data that every time supplies increase or decrease that prices would decrease or increase accordingly.

In the fruit category, a fairly large quantity of ripe banana was sold at the marketing outlets. A total of 33.8 tonnes were purchased by the leading local marketing outlets, representing a decline of 36% relative to 1991. The seasonality of mangoes is evident from the data presented in Table VII-1, where most of the purchases were done between April and August.

Large quantities of grapefruit were available on the market from January to April. Supplies were low to moderate from May to October with prices showing a notable increase especially from May to August. Grapefruit purchases totalled 116.7 tonnes, 34 tonnes more than 1991. Sweet Orange purchases were low during the first half of the year with a notable increase throughout the second half of the year, with as much as 16.7 tonnes being purchased during the month of November. Nearly 10 tonnes more oranges were purchased in 1992 as against 1991.

There was a constant supply of dasheen available on the market during every month of the year. Sweet potato purchases increased 43% from 35.9 tonnes in 1991 to 51.4 tonnes in the review year. Yellow yam was available throughout the year in varying quantities ranging from only 12 Kgs. in November to 32.4 tonnes in April. White yam was also available throughout except in June. The total quantity of yam on the market remained relatively stable at 43 annually tonnes over the past two years.

Table VII – 1. Total Quantity (kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets

Produce	1988	1989	1990	1991	1992
Avocado	21849	13922	13848	17178	19895
Banana – Ripe	45821	43567	38446	52517	33823
Canteloupe	3441	3523	6391	4954	4485
Grapefruit	30977	48875	92551	82642	116723
Guava	35	–	26	–	–
Golden apple	2422	7135	7986	2751	7986
Lemons	2126	3470	6730	3580	6966
Limes	13431	24405	24407	30564	38088
Mango – Graham	12490	11236	11309	13234	9983
– Julie	6711	6092	5737	3011	5764
– Others	4626	10072	15035	16260	9015
Orange – Sour	1596	1442	3166	4571	4609
– Sweet	46782	72721	75152	68791	78583
Ortaniques	254	361	91	877	–
Passionfruit	181	1029	1296	2138	4677
Paw Paw	2221	1445	2212	1160	3506
Pineapple	2658	4805	7488	8974	9281
Plum	118	–	–	810	–
Sapodilla	60	135	839	–	–
Shaddock	1110	232	785	501	544
Sour Sop	3606	3767	4533	4786	3987
Tangerine	6319	7687	13531	15608	16846
Water Melon	7360	6535	11349	14433	19609
Broccoli	587	391	210	–	–
Cabbage	45769	62953	71735	78396	67181
Calaloo	91	164	114	77	105
Carrot	9932	20843	21796	12748	8346
Cauliflower	170	–	53	–	–
Chinese Cabbage	2105	2906	2020	5447	5770
Christophene	10375	17300	22493	17537	18555
Cucumber	27810	37617	68665	75449	86298
Eggplant	3214	3699	7910	7552	3183
Lettuce	7884	12306	19919	21502	20110
Okra	2662	2872	4772	5824	4507
Pigeon Peas	–	26	86	–	–
Pumpkin	18723	27930	46544	44337	43292
Radish	126	–	5	–	–
Salad Beans	9016	13374	14141	20303	14015
Spinach	398	1817	2648	4391	2648

Continued Overleaf

Table VII – 1. Total Quantity (kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets

Produce	1988	1989	1990	1991	1992
Squash	69	121	164	85	25
Sweet Pepper	2629	6432	11483	16821	8346
Seasoning Pepper	715	2850	3559	4753	4855
Tomato	29038	65983	66099	64476	63858
Turnip	272	2101	1791	2136	1690
Zucchini	176	1341	1349	4140	3258
Celery	1030	1129	1880	2695	2976
Chive	245	2402	1675	2235	2782
Cinnamon	218	293	692	1279	1188
Ginger	333	–	422	2831	3170
Hot Pepper	96	105	243	23	–
Leek	28	12	21	36	–
Nutmeg	179	–	–	93	462
Parsley	595	1769	2066	3857	2300
Thyme	99	322	184	508	669
Banana – green	4381	3982	5810	22751	14537
Banja	3509	4219	4848	4914	4838
Breadnut	41	2	13	17	111
Breadfruit	1640	2357	863	2874	2199
Cush Cush	907	1247	2185	2118	2736
Dasheen	45737	57818	83247	84596	90351
Macambou	3028	4117	3151	4365	8031
Plantain	45815	60552	94084	133109	146473
Sweet Potato	35142	33900	70949	35976	51362
Tannia	1174	2995	3856	4674	4621
Yam – Oriental	51	1200	1753	1406	1814
– Portuguese	7421	6979	8956	6244	5647
– Red	26	132	134	25	74
– White	2163	5620	6851	15924	20528
– Yellow	9547	12785	14790	19670	14858
Coffee	1126	1809	717	214	406
Dry Coconut (Nos)	868	884	1195	1362	1754
Peanuts	252	–	–	–	–

Source : Leading Supermarkets and the St. Lucia Marketing Board

Table VII-2 Total Quantity (Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets -- 1992

Produce	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1992
Avocado	772	673	200	65	46	619	4620	4186	3263	3121	1609	721	19895
Banana [ripe]	1208	1999	1541	3662	2261	3124	3338	3079	3351	3701	3684	2875	33823
Canteloupe	46	133	1279	446	121	141	358	1235	492	145	86	3	4485
Golden Apple	98	-	-	-	-	-	805	760	678	2212	1706	707	6966
Grapefruit	16799	14284	20334	13023	6741	4371	1678	4095	6055	7061	10572	11710	116723
Lemon	1226	663	917	202	406	47	12	40	39	80	116	433	4181
Lime	3464	1683	1168	1598	2985	4230	5358	4896	3429	3414	3637	2226	38088
Mango - Graham	43	-	-	229	771	914	4092	3425	485	-	24	-	9983
- Julie	-	-	22	559	874	883	3037	389	-	-	-	-	5764
- Others	19	164	347	2372	1789	1243	1781	1272	28	-	-	-	9015
Orange [sour]	746	469	311	140	323	71	278	111	282	556	817	505	4609
Orange [sweet]	5986	2585	1561	1737	244	547	4766	10557	10793	11841	16757	11209	78583
Passion Fruit	160	-	-	14	278	526	110	508	1134	152	734	1061	4677
Paw Paw	108	208	158	215	551	631	339	333	223	241	278	221	3506
Pineapple	768	547	614	783	1355	787	1178	61	-	889	815	1484	9281
Shaddock	132	97	52	-	-	-	-	-	-	-	263	-	544
Sour Sop	658	109	181	413	865	402	200	479	60	81	255	284	3987
Tangerine	5735	2840	274	210	375	43	22	54	157	1182	2420	3534	16846
Watermelon	800	128	2428	3002	2143	1660	3174	3163	2077	580	164	290	19609
Cabbage	5207	12994	15644	11910	3602	1170	1834	4806	6839	685	862	1638	67191
Cataloo	11	11	-	-	-	4	5	21	14	19	9	11	105
Carrot	421	1281	2089	2004	1870	227	19	105	124	70	-	138	8348
Chinese Cabbage	679	260	630	421	585	473	828	578	359	326	411	220	5770
Christophene	2751	1082	1589	1787	668	582	1935	2056	2186	2184	688	1047	18555
Cucumber	2752	6842	8763	7243	7140	9352	12043	7821	4790	4150	3837	11556	86289
Eggplant	228	232	334	441	413	229	185	353	373	118	100	177	3183
Lettuce	2069	2642	2624	2547	1559	1200	1930	2629	1079	400	672	759	20110
Okra	350	178	124	132	62	125	547	1365	1213	327	24	60	4507
Pepper - Seasoning	350	178	124	354	184	1059	594	596	634	366	291	125	4855
- Sweet	453	257	429	827	2093	1871	1217	643	284	135	95	60	8364
Pumpkin	6749	3073	4570	5500	3357	2933	1359	3514	4205	2657	3980	1395	43292
Salad Beans	1116	1090	2272	1889	610	701	1708	1859	788	203	392	1387	14015

Continued Overleaf

Table VII-2 Total Quantity (Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets - 1992

Produce	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1992
Spinach	411	289	111	255	370	469	563	343	232	196	256	265	3760
Squash	12	-	3	10	-	-	-	-	-	-	-	-	25
Tomato	11170	9817	10185	16194	8749	654	2131	886	1856	539	472	1205	63858
Turnip	306	379	168	580	233	-	-	-	-	-	24	-	1690
Zucchini	415	499	390	505	596	17	34	306	120	364	12	-	3258
Banana - Green	1254	1297	569	1720	926	1981	1598	1768	1048	690	885	801	14537
Banja	1230	1036	333	253	619	11	-	-	-	36	484	836	4838
Breadfruit	227	57	8	-	36	422	341	713	341	-	44	10	2199
Cush Cush	190	968	485	536	87	-	-	-	-	80	103	287	2736
Dasheen	6252	4410	5881	8299	6868	7241	8734	8016	7594	9642	9577	7837	90351
Macambou	350	341	793	799	692	1174	790	515	493	510	965	609	8031
Plantain	10529	11796	11272	14661	15882	13929	14996	12651	10791	6243	11525	12198	146473
Sweet Potato	2169	5592	2206	3015	4744	4166	7863	5944	2601	3629	5412	4021	51362
Tannia	335	401	208	453	363	400	818	362	286	473	298	224	4621
Tayo	-	-	-	-	-	-	-	-	-	-	796	-	796
Yams - Belep	-	-	-	-	-	-	-	-	-	-	-	982	982
- Oriental	493	206	99	66	-	-	-	-	-	-	182	768	1814
- Portuguese	284	54	23	20	-	-	147	392	810	1502	1461	954	5647
- Red	-	-	-	-	-	-	-	-	-	-	49	25	74
- White	3892	616	1236	1043	462	-	723	2243	2655	3011	2196	2451	20528
- Yellow	2122	1319	2419	3235	2048	547	305	25	127	165	12	2534	14858
Celery	462	429	312	321	179	165	276	238	154	117	130	193	2976
Chive	323	266	124	110	191	284	288	307	351	124	115	299	2782
Cinnamon	30	97	216	29	53	217	106	116	133	42	86	63	1188
Ginger	287	88	735	365	591	64	25	43	10	30	221	711	3170
Nutmeg	36	23	91	35	-	44	90	39	8	...	44	52	462
Parsley	228	257	299	225	422	251	168	37	57	104	117	135	2300
Thyme	40	61	61	78	80	89	145	44	22	31	6	12	669
Coffee	36	49	29	89	-	43	20	16	63	45	16	-	406
Coconut - Dry (No)	86	226	257	314	133	56	24	264	-	66	156	172	1754

Source: Leading Supermarkets and the St. Lucia Marketing Board

Table VII-3 Prices (\$.C/Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets. January - December 1992

Produce	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
Avocado	2.18	2.03	3.19	3.30	3.31	3.01	1.76	1.04	1.16	1.53	1.53	1.66
Banana [ripe]	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
Canteloupe	3.62	3.73	2.55	3.29	3.83	3.99	3.57	3.15	3.94	3.89	4.41	3.31
Golden apple	0.55	-	-	-	-	-	0.82	0.36	0.27	0.43	0.41	0.93
Grapefruit	0.42	0.50	0.64	0.79	1.11	1.27	1.55	1.26	0.81	0.63	0.49	0.47
Lemon	0.65	0.54	0.65	0.69	0.83	1.10	1.10	1.18	1.10	0.66	0.66	0.84
Lime	2.05	3.13	5.87	6.03	3.92	1.98	1.60	1.92	1.69	1.51	2.11	2.57
Mango - Graham	1.79	-	-	1.12	1.05	0.94	0.96	0.85	0.93	-	1.10	-
- Julie	-	-	0.84	0.69	0.77	0.82	0.91	0.77	-	-	-	-
- Others	1.10	0.28	0.59	0.61	0.60	0.69	0.73	0.72	1.10	-	-	-
Orange - sour	0.47	0.46	0.58	0.64	0.69	1.10	1.06	1.02	0.84	0.49	0.50	0.45
- sweet	1.44	1.72	2.08	1.66	2.20	2.22	2.15	1.74	1.53	0.85	1.08	1.09
Passionfruit	3.07	-	-	3.30	3.31	3.31	3.31	3.29	2.93	3.66	3.26	3.08
Paw Paw	1.65	1.89	1.63	1.76	1.85	1.72	1.56	1.57	1.63	1.65	1.60	1.64
Pineapple	3.77	3.86	3.91	3.48	3.69	2.94	3.18	2.84	-	3.84	3.80	2.67
Shaddock	0.44	0.22	0.49	-	-	-	-	-	-	-	0.44	-
Sour Sop	0.50	0.56	0.68	0.63	0.58	0.63	0.82	0.83	0.77	0.76	0.72	0.64
Tangerine	1.47	1.49	1.87	2.12	2.14	2.20	2.10	1.69	1.65	1.37	1.11	1.09
Water Melon	2.81	3.20	3.05	3.49	2.63	3.26	2.42	2.23	1.94	2.25	2.20	2.21
Cabbage	4.29	3.99	3.96	3.80	3.85	4.02	4.00	4.17	4.04	3.80	4.30	4.41
Calaloo	9.08	6.25	-	-	-	-	0.90	1.00	1.00	7.17	7.34	7.10
Carrot	4.14	4.32	4.25	4.27	4.12	4.02	4.41	4.37	3.98	4.41	-	4.18
Chinese Cabbage	1.28	2.03	1.48	1.30	1.24	1.33	1.82	1.64	1.74	2.07	2.15	2.20
Christophene	1.87	1.83	1.91	1.67	1.99	2.83	2.99	2.05	1.73	1.82	2.16	2.86
Cucumber	1.55	2.67	1.74	1.33	1.99	1.01	0.73	0.86	1.13	2.30	3.01	1.89
Eggplant	1.57	1.63	1.66	1.66	1.69	1.65	1.82	1.94	2.00	1.95	2.04	2.03
Lettuce	4.31	4.48	2.81	2.85	3.74	4.91	4.78	4.20	4.61	6.10	6.38	6.58
Okra	3.68	4.17	4.41	4.29	3.66	3.32	3.87	3.19	1.43	1.64	2.82	3.00
Pepper - Seasoning	7.59	7.57	8.36	7.40	7.24	2.48	2.11	3.07	3.04	4.06	6.86	8.55
- Sweet	5.10	5.83	5.51	5.79	4.46	3.70	4.03	4.95	4.59	4.78	4.96	5.56
Pumpkin	1.29	0.91	1.10	1.23	1.31	1.76	2.56	2.31	1.69	1.19	1.69	2.18

Continued Overleaf

Table VII-3 Prices (\$/Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets. January - December 1992

Produce	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
Salad Beans	3.67	3.99	3.44	3.20	3.74	4.38	4.30	3.56	3.28	4.65	5.31	5.37
Spinach	3.26	3.31	3.34	2.53	3.82	3.78	3.70	3.14	2.81	4.09	4.21	3.98
Squash	1.65	-	1.10	1.65	-	-	-	-	-	-	-	-
Tomato	5.03	3.18	3.29	3.28	2.16	4.86	7.09	6.34	6.11	6.16	6.48	6.35
Turnip	2.14	1.92	1.70	1.71	1.47	-	-	-	-	-	2.82	-
Zucchini	3.21	3.07	3.10	2.44	3.70	3.50	4.09	4.45	4.29	4.34	4.55	-
Banja	1.66	1.50	1.58	1.65	1.65	1.65	-	-	-	2.76	1.65	1.65
Breadfruit	1.41	1.87	1.10	-	1.83	1.10	0.98	0.69	0.46	-	1.67	2.51
Cush Cush	5.51	5.44	5.38	5.87	5.71	-	-	-	-	6.06	6.06	5.69
Dasheen	2.03	1.80	1.88	2.01	2.10	2.33	2.56	2.62	2.17	1.68	1.37	1.41
Banana - Green	0.13	0.27	0.43	0.29	0.38	0.35	0.34	0.34	0.39	0.35	0.28	0.35
Macambou	0.63	0.71	0.64	0.63	0.69	0.60	0.63	0.66	0.75	0.65	0.75	0.76
Plantain	1.43	1.15	1.13	1.14	0.82	0.79	0.89	0.89	0.96	1.38	1.02	1.04
Sweet Potato	2.30	1.90	2.16	2.19	1.76	2.23	2.21	2.24	2.91	2.07	1.77	1.86
Tannia	3.30	3.31	3.31	3.30	3.31	3.31	3.18	3.31	3.31	3.31	3.31	3.30
Tayo	-	-	-	-	-	-	-	-	-	-	0.88	-
Yam - Belep	-	-	-	-	-	-	-	-	-	-	-	3.30
- Oriental	3.31	3.31	3.31	3.30	-	-	-	-	-	-	3.31	3.14
- Portuguese	3.31	3.31	3.31	3.30	-	-	4.96	4.40	4.06	3.33	3.95	3.17
- Red	-	-	-	-	-	-	-	-	-	-	4.41	3.30
- White	3.18	3.05	3.25	3.90	3.33	-	4.53	3.81	3.32	2.96	2.93	2.74
- Yellow	4.17	3.62	3.71	4.00	4.38	4.69	4.63	4.41	5.51	5.18	4.86	4.46
Celery	10.17	8.50	6.33	8.17	8.00	10.50	12.31	12.50	13.83	16.50	16.67	16.84
Chive	14.50	11.48	16.67	17.00	16.67	13.00	16.00	16.17	16.00	12.60	8.60	9.80
Parsley	10.50	10.17	7.83	10.17	8.33	9.67	11.17	12.33	15.67	14.50	15.81	15.90
Thyme	29.00	25.00	25.67	29.00	30.33	26.33	20.00	18.00	23.67	29.67	25.00	30.61
Coffee	13.11	13.23	13.23	13.20	-	13.23	13.23	13.23	13.23	13.23	13.23	-
Cinnamon	22.12	24.70	26.14	25.45	22.54	25.81	25.43	22.70	26.22	25.62	22.90	25.96
Ginger	2.82	1.65	1.43	1.54	1.68	2.51	2.51	2.47	2.20	3.46	2.96	2.42
Nutmeg	8.82	9.92	9.61	9.90	-	9.82	9.00	9.92	9.92	-	9.92	9.30
Coconut - Dry (No)	0.20	0.22	0.25	0.25	0.25	0.25	0.25	0.24	-	0.25	0.25	0.25

Source : Leading Supermarkets and the St. Lucia Marketing Board

THE LIVESTOCK SUB-SECTOR

Milk production at St. Lucia's principal livestock enterprise, the St. Lucia Livestock Development Company decreased by 13% relative to 1991. The drop was to the tune of 41 kiloliters (thousand liters) from 315 kiloliters to 274 kiloliters in 1992. According to the data presented in Table VIII-1, earnings decreased by \$83,330.

Milk production was on an upward trend from 1988 to 1991. In 1991 the company imported a high breed herd which immediately impacted positively on production. Production moved from 219.9 kiloliters to 314.7 kiloliters, a significant increase of 94.8 kiloliters. In 1992 the company embarked on a culling programme, eliminating poorer quality, low yielding animals, and consequently reducing the herd size. This was partly responsible for a production reduction of 41 kiloliters relative to 1991.

Imports of milk in 1992 totalled 2899 tonnes using up \$13.7 million worth of foreign exchange. This somewhat implies that there is tremendous scope for the further development and expansion of the local livestock industry.

The average laying stock (hens) in 1992 was 35,000 producing 593,000 dozen eggs. This represented a production increase of 27.3% or 127,000 dozen eggs relative to 1991. Total production was valued at \$3.26 million. This high level of production was complimented by just 7,000 dozens of imported eggs in the first quarter of the

year. This has been the lowest level of imports in the past five years. It is expected that local production will totally satisfy the local market demand in the coming years.

In 1992, poultry imports which totalled 6691 tonnes was valued at \$23.3 million. Imports of meats viz. beef, mutton of sheep and goat and pork amounted to \$13 million of which beef constituted 63 percent.

Table VIII – 1. Milk Production

Period	Quantity Litres	Value E.C.\$
1988	109,887	285,706
1989	197,623	513,820
1990	219,900	571,740
1991	314,659	818,114
1992 1st Quarter	79,470	206,622
2nd Quarter	75,662	196,721
3rd Quarter	50,615	141,722
October	17,235	48,258
November	22,399	62,717
December	28,123	78,744
4th Quarter	67,757	189,719
Total 1992	273,504	734,784

Source: Livestock Development Project.
Beausejour, Vieux Fort

Table VIII – 2. Estimated livestock Slaughtered by Type of Stock

Stock Type	NUMBER OF HEADS				
	1988	1989	1990	1991	1992
CATTLE *	2533	1999	1642	1357	477
SHEEP/GOAT *	258	224	364	373	99
PIGS *	2304	1556	1923	1826	637
POULTRY	88804	24607	209393	222232	1258237

Source : Ministry of Health & STAFCO

* – Figures are of carcasses inspected by the Public Health Department and the Castries City Council Health Department

MILK PRODUCTION

Fig. VIII - 1

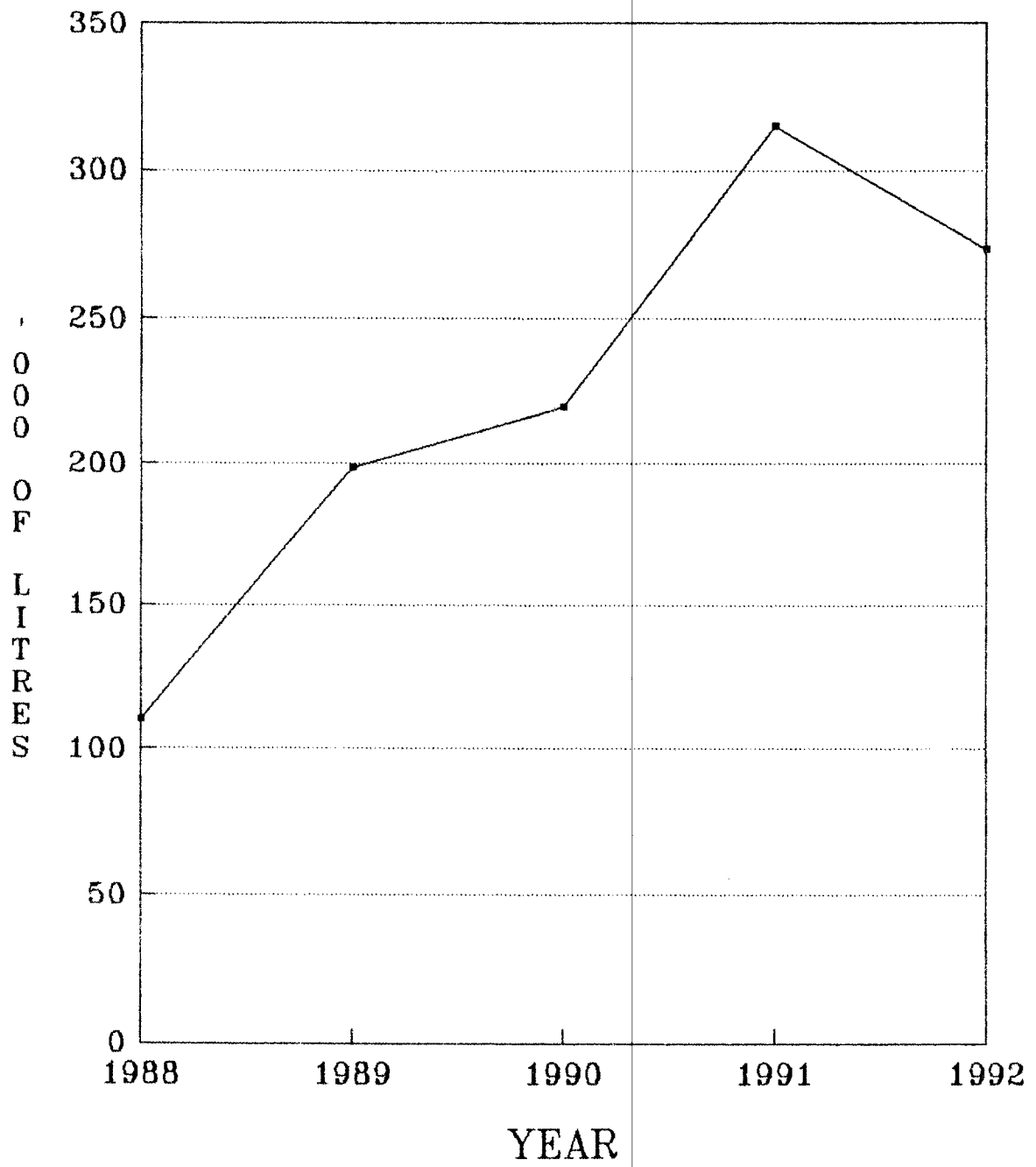


Table VIII – 3. Table Egg Production and Imports

Period	Average Laying Stock on Farm 000 Hens	Local Production		Imports		Available Supply 1/	
		Quantity 000 Dozen Eggs	Producer Value \$'000	Quantity 000 Dozen Eggs	Value \$'000	Quantity 000 Dozen Eggs	Value \$'000
1988	26	249	1058	143	398	392	1456
1989	32	581	2760	30	161	611	2921
1990	35	609	3045	33	135	642	3180
1991	29	466	2330	96	521	562	2851
1992 1st Quarter	34	143	787	7	46	150	833
2nd Quarter	27	124	682	–	–	124	682
3rd Quarter	36	147	808	–	–	147	808
October	40	59	325	–	–	59	325
November	41	59	325	–	–	59	325
December	42	61	336	–	–	61	336
4th Quarter	41	179	986	–	–	179	986
Total 1992	35	593	3263	7	46	600	3309

Source : Livestock Department – Ministry of Agriculture & Foreign Trade Report

1/ – Available Supply equals production plus imports

TABLE EGG PRODUCTION

Fig. VIII - 2

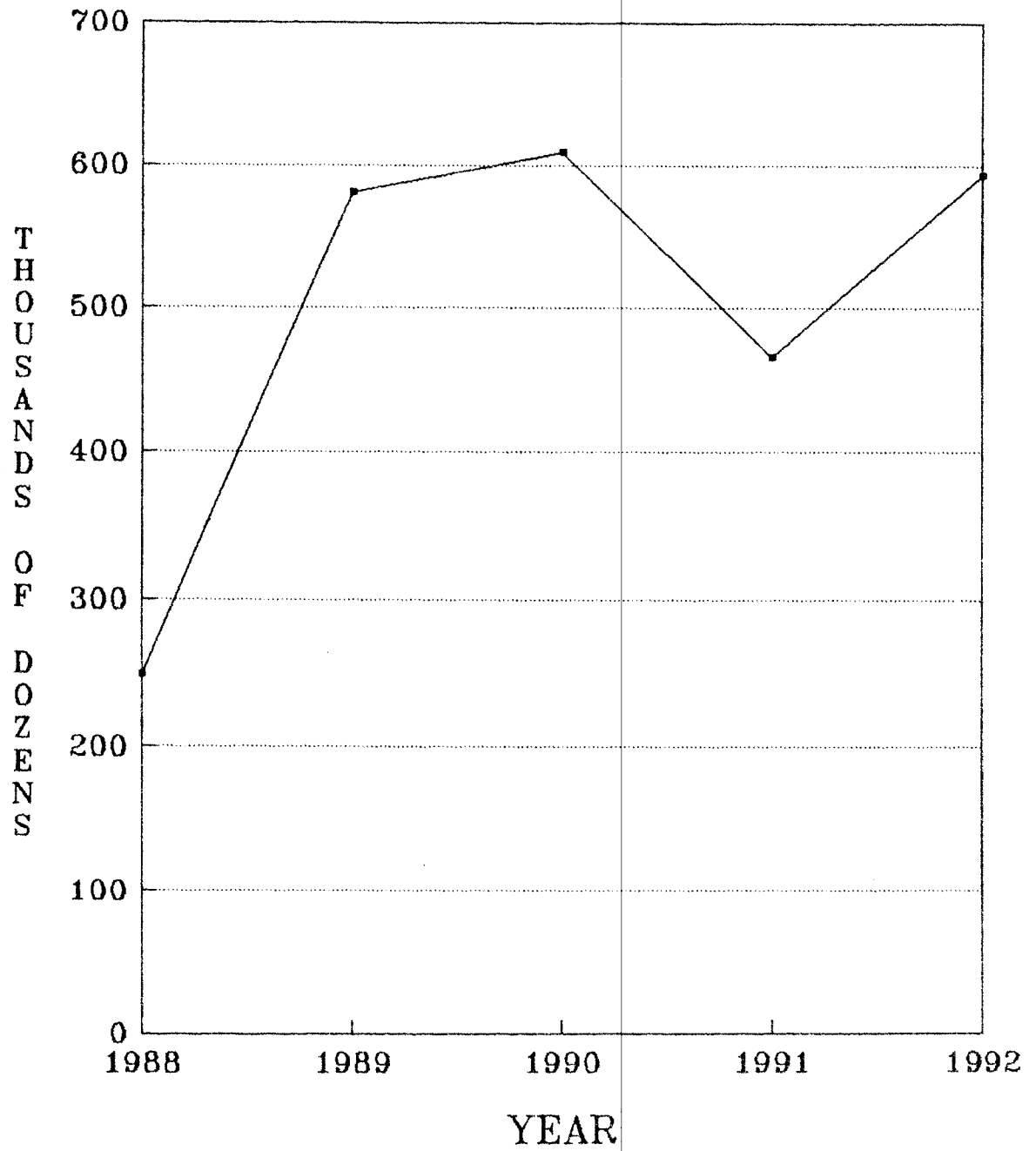


Table VIII – 4. Imports of Feed by Type, Quantity and Value

Period	Total		Poultry		Cattle		Pig	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	707	600	577	504	97	52	33	44
1989	1067	991	966	883	52	39	49	69
1990	5292	1407	4439	1214	144	139	709	54
1991	2442	2294	2021	1932	257	235	164	127
1992 1st Quarter	649	844	537	731	88	83	24	30
2nd Quarter	943	918	859	847	63	52	21	19
3rd Quarter	653	549	573	498	46	24	34	27
October	362	272	274	232	63	20	25	20
November	213	156	205	151	5	2	3	3
December	218	150	165	127	50	20	3	3
4th Quarter	793	578	644	510	118	42	31	26
Total 1992	3038	2889	2613	2586	315	201	110	102

Source : Foreign Trade Report

Table VIII – 5. Imports of Poultry Parts by Type, Quantity and Value

Period	POULTRY							
	Total		Whole		Necks, Backs & Wings		Other Parts	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	5899	14357	64	322	1924	3455	3911	10580
1989	6085	19547	81	410	2200	5263	3804	13874
1990	6050	20350	60	350	2202	4984	3788	15016
1991	6740	22330	146	738	2816	6587	3778	15005
1992 1st Quarter	1674	5533	22	175	666	1605	986	3753
2nd Quarter	1514	5275	16	110	615	1465	883	3700
3rd Quarter	1629	6035	15	81	723	1789	891	4165
October	578	2041	18	109	228	649	332	1283
November	555	1869	40	208	211	502	304	1159
December	741	2553	58	303	291	690	392	1560
4th Quarter	1874	6463	116	620	730	1841	1028	4002
Total 1992	6691	23306	169	986	2734	6700	3788	15620

Source : Foreign Trade Report

Table VIII – 6. Imports of Meat 1/ by Type, Quantity and Value

Period	Beef		Pork		Mutton of sheep		Mutton of Goat	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	666	5767	7	41	272	1361	22	80
1989	1003	7986	38	318	279	1427	47	263
1990	760	7251	78	572	243	1459	317	1825
1991	770	7255	93	796	271	1823	246	1504
1992 1st Quarter	198	1996	27	177	97	633	35	196
2nd Quarter	208	2062	34	202	69	444	44	633
3rd Quarter	196	1848	53	236	52	380	21	124
October	113	947	22	120	41	235	42	251
November	68	717	28	185	30	208	43	237
December	54	647	11	83	24	174	39	238
4th Quarter	235	2311	61	388	95	617	124	726
Total 1992	837	8217	175	1003	313	2074	224	1679

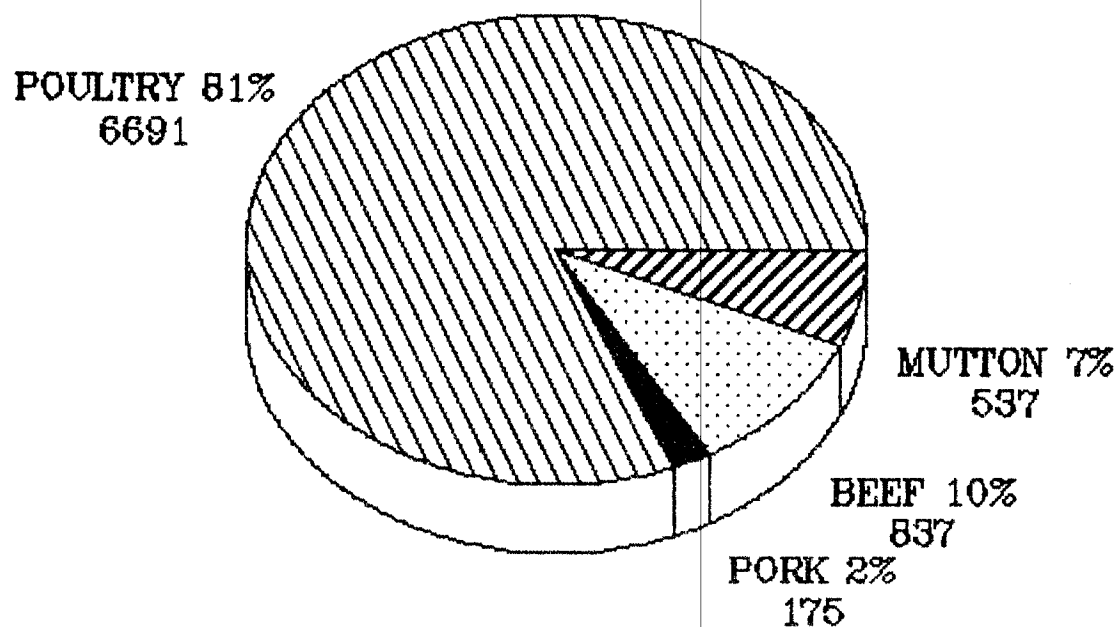
Source : Foreign Trade Report

1/ – Frozen and/or Chilled

IMPORTS OF MEATS – 1992

QUANTITY (TONNES)

Fig. VIII – 3

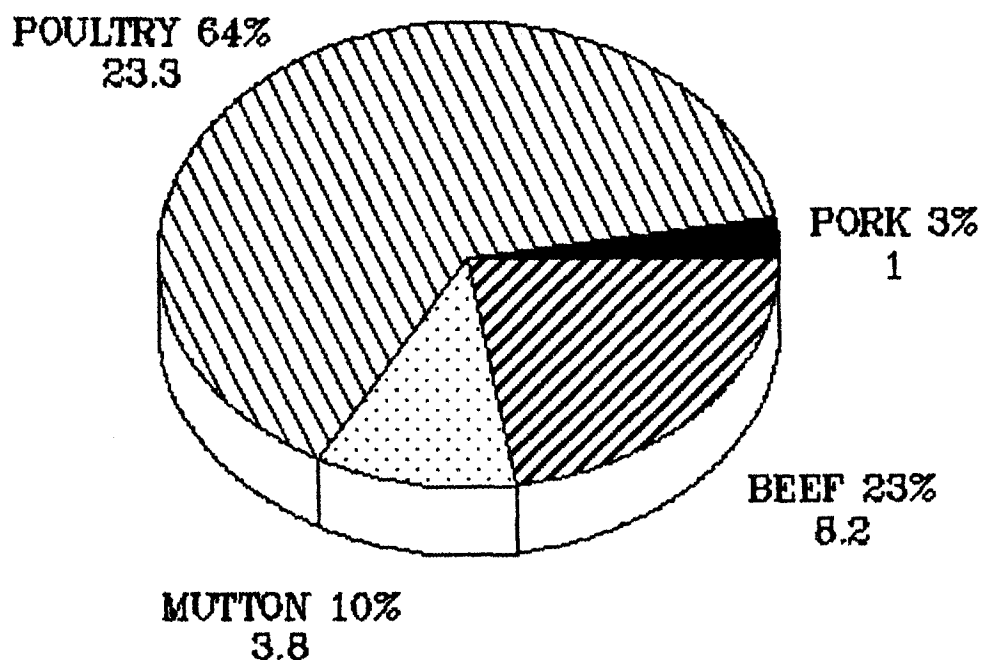


Mutton here includes both Sheep and Goat

IMPORTS OF MEATS – 1992

VALUE (\$'MILLIONS)

Fig. VIII - 4



Mutton here includes both Sheep and Goat.

Table VIII – 7. Imports of Selected Livestock Products

Period	Milk		Cheese		Butter/Butterfat	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	2762	10240	398	2919	192	1072
1989	2577	10357	432	3450	279	1801
1990	3006	12208	651	4116	252	1709
1991	2674	11506	554	4207	239	1599
1992 1st Quarter	747	3564	130	1085	65	423
2nd Quarter	745	3252	132	1142	47	343
3rd Quarter	652	3362	109	990	56	401
October	251	1064	89	750	28	208
November	283	1525	70	582	31	201
December	221	983	25	251	107	444
4th Quarter	755	3572	184	1583	166	853
Total 1992	2899	13750	555	4800	334	2020

Source : Foreign Trade Report

TRADE IN OTHER AGRICULTURAL COMMODITIES

As can be seen from Table IX - 1, the value of St. Lucia's food imports was approximately \$39 million less than the value of our food exports, as compared with 1991 when food imports exceeded food exports by nearly \$5 million. In 1992, relative to 1991, the trade balance on food increased by \$43.7 million. The positive numbers reflect the situation of the value of domestic exports exceeding that of food imports. In 1991 food imports stood at 19% of the total import bill, in keeping with the trend noted over the last 5 years.

Non traditional exports went from 1964 tonnes in 1991, to 1968 tonnes in 1992. The most significant contributor to non traditional export volumes was breadfruit at 895 tones, a 9% decrease from the 1991 level. Mangoes, plantain and breadfruit together accounted for 95% of all non traditional export volumes in 1992. Exports of bananas to non-traditional markets during 1992 stood at more than 15,700 tonnes. This reflects an increase of more than 28% over 1991 levels. Earnings from non-traditional banana markets increased by \$1.6 million in 1992, relative to 1991.

Exports of ginger in 1992 fell drastically from the levels of 1991. Only 73 kilograms of ginger was exported this year, compared with almost 34 tonnes in 1991. This massive decline was the result of production related problems in the main ginger producing regions of the island. The price which was paid to ginger farmers in 1992

of \$2.20 was up 77% from the 1991 price. This price was a record high for the last 5 years.

As can be initially noted from Table XI - 5 import volumes of most of the selected agricultural produce items increased from 1991 to 1992. Import volumes were at the 5643 tonne mark in 1991 but increased to the 6630 tonne mark by 1992. The items which did not support this increasing trend were sweet pepper (10% decline), onion (1% decline), some of the legumes and pineapple. On the other hand the items reflecting the largest increases of over 25% for 1992 were rice, potato, cabbage and garlic. It can be noted that the decreasing trend, in the proportion of the food import bill made up by rice and irish potato noted since 1988, was broken in 1992. Imports of these two (2) commodities now account for 62% of the import volumes of the selected commodities. A very notable statistic is the negligible amount of pineapple imports in 1992. This is a reflection of the ongoing impact of the diversification programme for the agricultural sector and the improved pineapple production efforts of the producers and the support agencies. As expected, the fourth quarter of 1992 was the time when most agricultural produce was imported. Approximately than 32% of the selected items being monitored came into the country during this quarter.

Over the last 5 years, the relative composition of the food import bill has not varied much. The largest contributors were (1)

meat & meat preparations (28%), (2) cereal and cereal preparations (19%), (3) vegetables and fruits (14%) and (4) Dairy products and Eggs (13%).

The decreases being reflected in the food import bill, as well as the increases in the volume of non traditional exports is reflective of the positive impact of the sector's diversification efforts over the years and the consequent increased capacity to better manage foreign exchange earnings. At the same time, the increasing consumption of the other agricultural commodities as is evidenced by the constituent sections of the food import bill reflect the changing consumption patterns of the population. The ministry intends to institute deliberate measures, aimed at a managed response to these shifts in domestic consumption patterns.

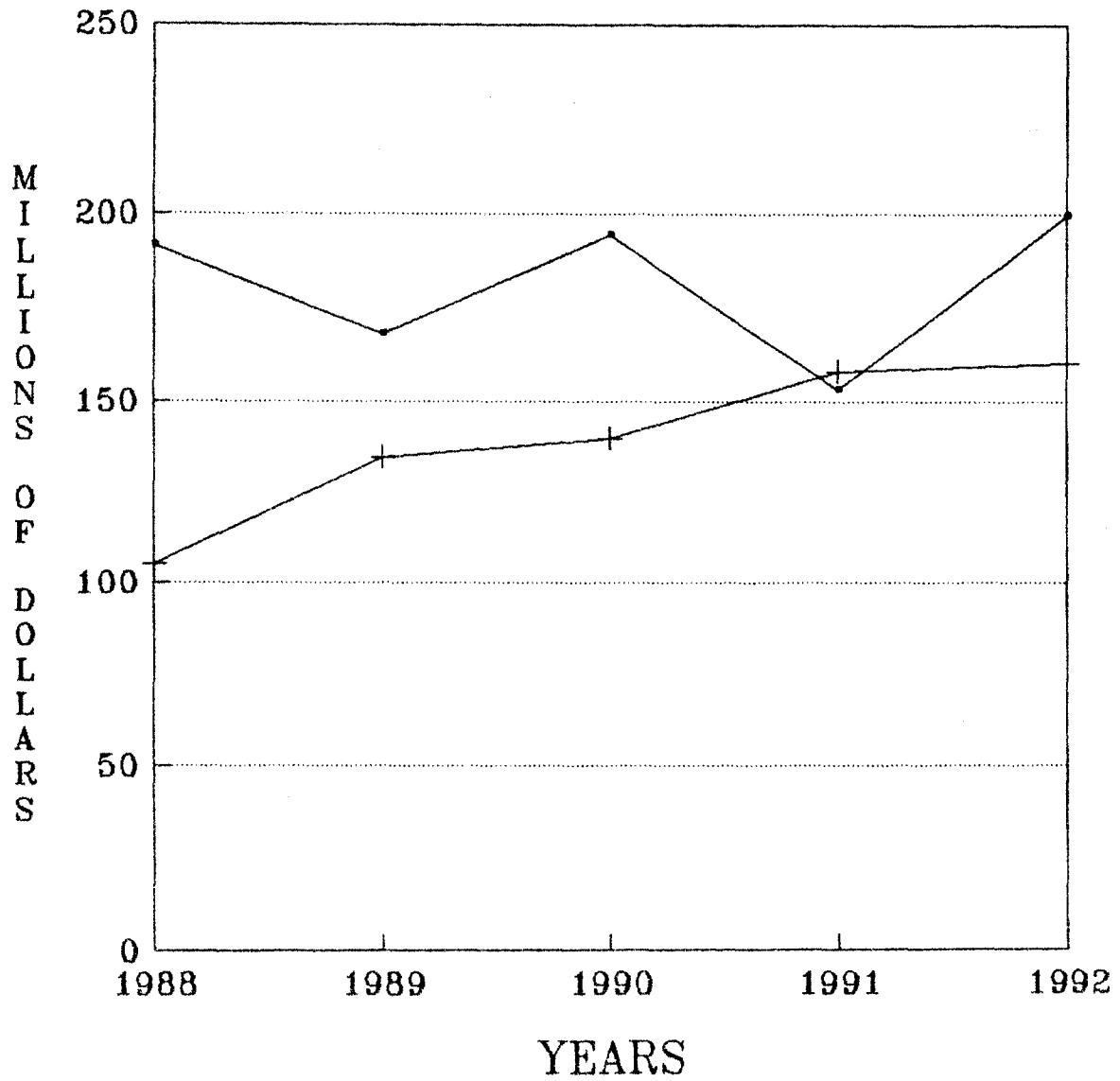
Table IX – 1. Trade Balance on Food

Period	EXPORTS '\$'000			IMPORTS '\$'000			Trade Balance on Food
	Domestic Export (1)	Food Export (2)	2 as a % of 1 (3)	Total Imports (4)	Food Imports (5)	5 as a % of 4 (6)	
1988	300012	191442	64	595056	105445	18	85997
1989	279143	168241	60	741740	134938	18	33303
1990	312808	194468	62	730317	140093	19	54375
1991	258794	153278	59	801699	158007	20	-4729
1992 1st Quarter	71040	46597	66	201089	36864	18	9733
2nd Quarter	82999	56745	68	213352	39594	19	17151
3rd Quarter	77766	48188	62	197393	36324	19	9864
October	29147	18291	63	73211	14133	19	4158
November	24999	14562	58	68818	14741	21	-179
December	24937	15144	61	73426	16883	23	-1739
4th Quarter	79083	47997	61	215455	45757	21	2240
Total 1992	310888	199527	64	827289	160539	19	38988

Source : Foreign Trade Report

FOOD IMPORTS & EXPORTS

Fig. IX - 1



—•— FOOD EXPORTS —+— FOOD IMPORTS

Table IX – 2. Comparison of Exports of Selected Agricultural Produce

Produce	1988		1989		1990		1991		1992	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Avocado	10	18	10	24	13	14	14	19	40	47
Grapefruit	31	27	24	15	15	12	27	36	28	68
Mango	572	811	460	558	451	498	657	579	741	760
Sweet Orange	12	13	26	31	14	25	17	32	18	52
Breadfruit	841	920	1167	1073	675	642	982	1024	895	893
Plantain	208	195	176	184	164	248	189	244	235	314
Aroids 1/	2	3	15	34	9	15	1	1	...	...
Sweet Potato	14	24	11	13	79	147	39	55	1	...
Yam	9	12	1	2	3	11	1	2	...	1
Pumpkin	26	32	8	12	5	8	2	3	...	1
Other Fruits	79	104	65	58	75	108	35	47	10	9
Sub Total 2/	1804	2159	1963	2004	1503	1728	1964	2042	1968	2145
Banana 3/	33287	22194	15446	20252	13886	19847	12261	18750	15700	20378
Total	35091	24353	17409	22256	15389	21575	14225	20792	17668	22523

Source : Foreign Trade Report

1 – Aroids here are dasheen, tannia and eddoes.

2 – Total amount of non-traditional crops exported.

3 – Exports to other territories excluding the United Kingdom

* – In 1991 & 1992, some crops previously classified under this category were reported individually.

Table IX – 3. Exports of Selected Agricultural Produce by Quantity and Value (1992)

Produce	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1992	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Avocado	...	...	—	—	33	40	7	7	40	47
Grapefruit	8	18	3	8	10	16	7	26	28	68
Mangoes	17	15	415	387	307	355	2	3	741	760
Sweet Oranges	7	16	2	5	3	9	6	22	18	52
Breadfruit	219	199	163	167	373	392	140	135	895	893
Plantain	32	34	74	106	79	110	50	64	235	314
Aroids 1/	...	...	...	...	—	—	...	...	...	...
Sweet Potato	—	—	—	—	—	—	1	...	1	...
Yams	...	...	—	—	...	...	...	1	...	1
Pumpkin	...	1	—	—	...	...	...	...	...	1
Other Fruits	1	1	4	4	4	3	1	1	10	9
Sub Total 2/	284	284	661	677	809	925	214	259	1968	2145
Banana 3/	3082	4574	3969	6116	2569	2397	6080	7291	15700	20378
Total	3366	4858	4630	6793	3378	3322	6294	7550	17668	22523

Source : Foreign Trade Report

1/ – Aroids here are dasheen, tannia and eddoes

2/ – Total amount of non-traditional crops exported.

3/ – Exports to other territories excluding the United Kingdom

* – In 1992, some crops previously classified under this category were reported individually.

Table IX – 4. Ginger Purchases and Exports

Period	Purchases by SLMB		Total Exports		Average producer Price/kg
	Quantity (KGS)	Value E.C\$	Quantity (KGS)	Value E.C\$	
1988	58349 /1	58536	30077	34609	0.88
1989	38512 /2	50743	20341	51779	1.38
1990	45182 /3	61980	55747	81514	1.37
1991	42605 /4	61112	33651	94618	1.43
1992 1st Quarter	4556 /5	10045	73	126	2.20
2nd Quarter	–	–	–	–	–
3rd Quarter	–	–	–	–	–
October	–	–	–	–	–
November	–	–	–	–	–
December	–	–	–	–	–
4th Quarter	–	–	–	–	–
Total 1992	4556	10045	73	126	2.20

Source : Foreign Trade Report and St. Lucia Marketing Board

- 1 – Consists of approximately 78% grade 1 and 22% grade 2; with price of \$1.10 cents per kg for grade 1 and \$0.66 cents per kg for grade 2.
- 2 – Consists of approximately 77% grade 1 and 23% grade 2; with price of \$1.47 cents per kg for grade 1 and \$0.81 cents per kg for grade 2.
- 3 – Consists of approximately 78% grade 1 and 22% grade 2; with price of \$1.54 cents per kg for grade 1 and \$0.77 cents per kg for grade 2.
- 4 – Consists of approximately 84% grade 1 and 16% grade 2; with price of \$1.54 cents per kg for grade 1 and \$0.88 cents per kg for grade 2.
- 5 – Ginger was purchased at \$2.20 cents per kg.

GINGER PURCHASES

Fig. IX - 2.



Table IX – 5. Comparison of Imports of Selected Agricultural Produce (1988 – 1992)
(Quantity and Value)

Produce	1988		1989		1990		1991		1992	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Rice	2897	4069	2734	3502	2061	3146	2186	3770	2812	4573
Irish Potato	1132	1310	1332	1528	1234	1804	967	1320	1306	1858
Carrot	217	368	240	425	197	379	220	585	255	637
Cabbage	131	184	189	255	146	217	141	295	184	325
Tomato	133	556	150	490	106	448	115	495	117	485
Sweet Pepper	20	69	32	119	14	71	11	46	10	55
Garlic	86	360	85	501	86	594	99	594	128	625
Onion	786	1063	787	1030	812	1211	794	1182	788	1132
Black Eye Peas	69	182	96	270	63	193	76	219	79	198
Pigeon Peas	9	30	12	40	10	42	12	59	6	22
Red Kidney Beans	137	377	141	592	131	445	212	514	163	421
Other Legumes	399	802	593	1368	472	1091	556	1427	515	1186
Apples	258	565	254	589	205	529	166	454	189	625
Grapes	52	269	79	380	51	294	67	404	78	453
Pineapple	...	1	44	95	38	77	21	69	...	...
Total	6326	10205	6768	11184	5626	10541	5643	11433	6630	12595

Source : Foreign Trade Report

IMPORTS OF SELECTED VEGETABLES

Fig. IX - 3

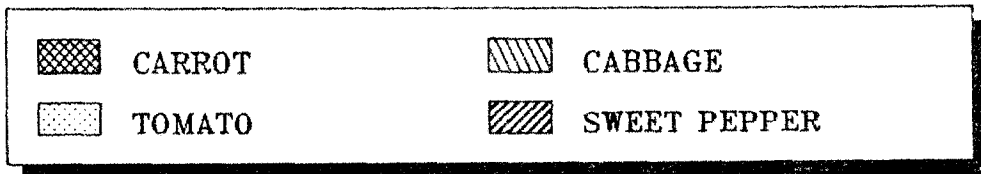
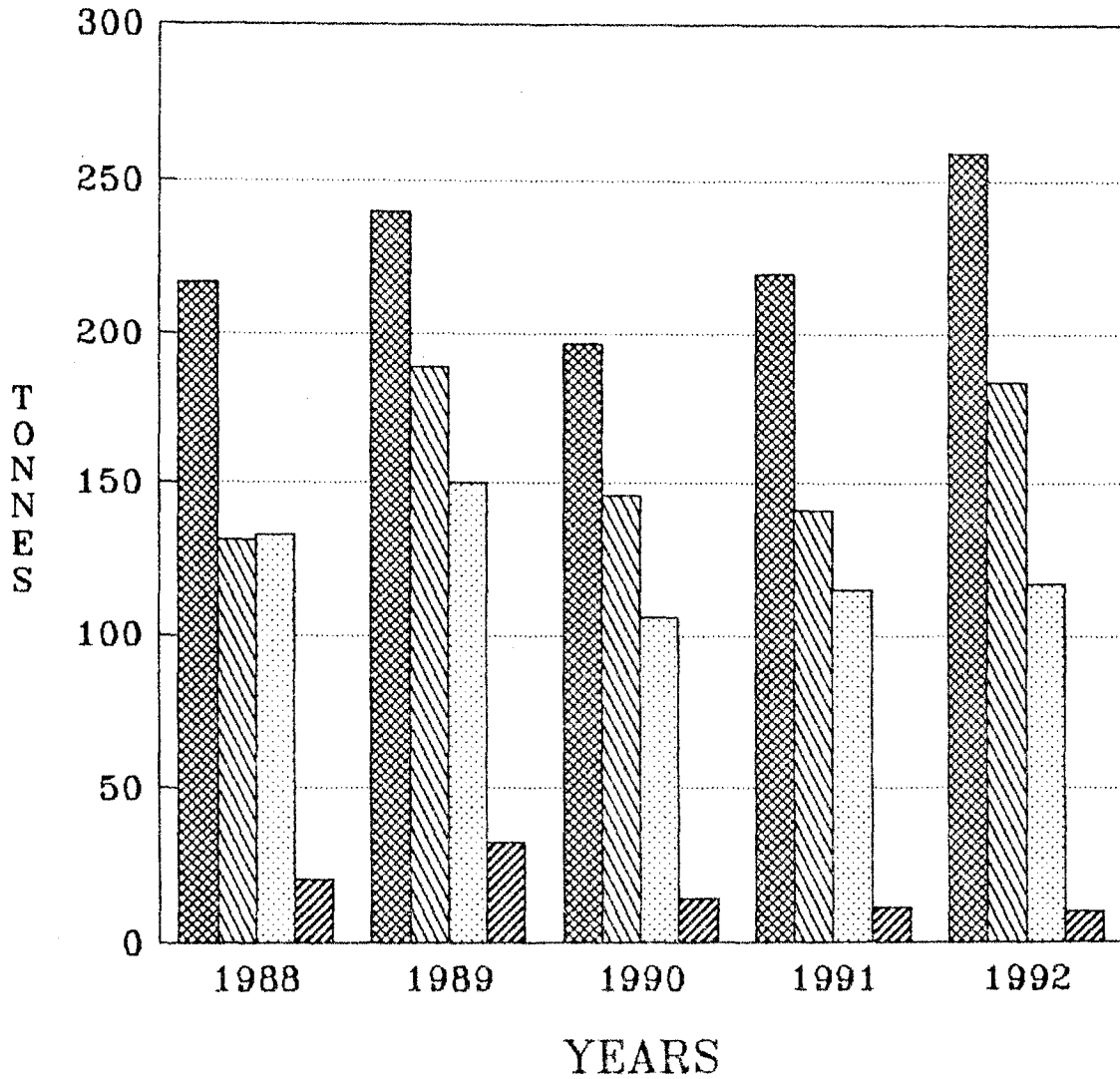


Table IX – 6. Imports of Selected Agricultural Produce by Quantity and Value (1992)

Produce	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1992	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Rice	492	874	717	1236	618	1030	985	1433	2812	4573
Irish Potato	336	490	304	412	303	444	363	512	1306	1858
Carrot	72	173	46	104	77	227	60	133	255	637
Cabbage	34	71	24	56	58	85	68	113	184	325
Tomato	28	78	...	2	50	222	39	183	117	485
Sweet Pepper	4	24	1	8	1	4	4	19	10	55
Garlic	31	135	35	218	13	65	49	207	128	625
Onion	157	233	192	256	225	359	214	284	788	1132
Black Eye Peas	15	43	18	46	19	49	27	60	79	198
Pigeon Peas	1	5	2	6	2	6	1	5	6	22
Red Kidney Beans	18	53	46	95	32	94	67	179	163	421
Other Legumes	71	168	147	331	147	327	150	360	515	1186
Apples	74	186	32	231	20	50	63	158	189	625
Grapes	30	132	15	92	7	37	26	192	78	453
Pineapple	...	...	...	...	...	...	...	...	...	...
Total	1363	2665	1579	3093	1572	2999	2116	3838	6630	12595

Source : Foreign Trade Report

Table IX – 7. Composition of Food Import

Item	1988		1989		1990		1991		1992	
	\$'000	%	\$'000	%	\$'000	%	\$'000	%	\$'000	%
Live Animals	40	...	545	...	179	...	185	...	138	...
Meat & Meat Preparation	28691	26	39266	30	40275	30	45093	29	45835	29
Dairy Products and Eggs	14883	14	16073	12	18654	12	18715	12	21284	13
Fish & Fish Preparation	6237	6	7533	6	7045	6	8873	6	9677	6
Cereal & Cereal Preparation	26962	25	29476	22	31075	22	32283	20	30075	19
Vegetables and Fruits	15045	14	19012	14	19454	14	21786	14	22136	14
Sugar Preparation & Honey	6353	5	9422	6	10663	6	10269	6	8987	6
Coffee, Tea, Cocoa & Spices	2802	3	3336	3	3449	3	4116	3	4099	3
Feeding Stuff for Animals	1385	1	1956	1	2368	1	3167	2	3600	2
Miscellaneous Food Preparation	6455	6	8319	6	9114	6	13623	9	14708	9
Total	108853	100	134938	100	142276	100	158110	100	160539	100

Source : Foreign Trade Report

THE FISHING INDUSTRY

Data from the Fisheries Management Unit (FMU), indicates that a total of 959 tonnes of fish was landed at the various landing sites around the island. The volume of fish landed was 80 tonnes lower than 1991, but significantly higher than the annual catches of 1988 to 1990 (see Table X-1).

Vieux - Fort has registered the largest quantity of landings over the past four years. In 1992 Vieux - Fort accounted for one third of total landings. Other major landing sites include Dennery, Castries and Soufriere which together accounted for 45% of total landings.

Due to manpower limitations data from Anse-la-Raye and Canaries have not been collected over the years. It is expected that data collection for those two areas will begin in 1993. A large volume of catches is not expected from these areas. According to recorded data, catches from Micoud has traditionally been the lowest.

Dolphin, Tuna and King Fish constituted the bulk of the fish catch. The quantity of Dolphin and Tuna catches has remained relatively stable over the past two years, however there was a notable increase in King fish catches, from 79 tonnes in 1991 to 150 tonnes in 1992.

Fish exports was just over one tonne, earning a total of \$48,000. In 1991, fish exports totalled 14 tonnes earning \$124,000.

In the past five years, total foreign exchange earnings from fish has been approximately \$750,000. The best registered performance was in 1988 when 35 tonnes valued at \$326,000 was exported.

Fish imports decreased by 49 tonnes from 897 tonnes in 1991 to 848 tonnes in 1992. The value of imports however, increased by \$841,000. Canned fish constitutes approximately 49% of total fish imports. Most of the demand for fresh and chilled fish is satisfied via the local trade, with imports accounting for only six (6) percent.

Table X – 1. Estimated Summary of Fish Landed by Landing Site and Quantity

Landing Sites	TONNES				
	1988	1989	1990	1991	1992
Gros Islet	8	7	4	46	57
Castries	57	109	46	95	139
Anse la Raye	4*	4*	–	–	–
Canaries	12*	12*	–	–	–
Soufriere	17*	52	49	188	132
Choiseul	21	35	38	57	48
Laborie	22	10	1	22	27
Vieux – Fort 1/	99	114	282	337	319
Micoud	4	9	5	24	15
Praslin	5	11	6	54	67
Dennerly	133	79	123	218	155
Total	382	442	554	1039	959

Source : Fisheries Management Unit, M.O.A

1/ – Note that the data for the Landing Site Vieux Fort includes data from the Landing Site at Savannes Bay

* – means estimated figures

Table X – 2. Summary of Fish Landed by Type and Quantity

Year	Type of Fish (Tonnes)							Total
	Tuna	Dolphin	King Fish	Flying Fish	Shark/Black Fish	Lobster	Others	
1988 *	111	72	24	37	3	2	133	382
1989 *	100	71	21	81	4	1	164	442
1990	127	240	55	34	1	–	97	554
1991 1/	226	257	79	47	–	–	430	1039
1992 1/	223	239	150	32	4	–	311	959

Source: Fisheries Management Unit – Ministry of Agriculture

*** – Means that estimated figures are included in the total**

1/ – Means that data for Shark/Blackfish and Lobster are included in the other column.

Table X – 3. Fish Exports

Period	Quantity (Tonnes)	Value \$'000
1988	35	326
1989	4	39
1990	21	207
1991	14	124
1992 1st Quarter	...	3
2nd Quarter	1	45
3rd Quarter	—	—
October	—	—
November	—	—
December	—	—
4th Quarter	—	—
Total 1992	1	48

Source : Foreign Trade Report

Table X – 4. Fish Imports (1988 – 1992) R

Period	CATEGORY							
	Total		Fresh & Chilled		Canned		Other 1/	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1988	652	5090	154	918	267	2215	231	1957
1989	824	6351	120	685	368	2938	336	2728
1990	767	5773	209	991	240	1793	318	2989
1991	897	7324	145	972	454	2708	298	3644
1992 1st Quarter	158	1649	8	120	87	738	63	791
2nd Quarter	183	1794	3	82	128	1000	52	712
3rd Quarter	245	2400	22	437	166	1177	57	786
October	112	1033	17	107	65	590	30	336
November	42	360	20	103	4	48	18	209
December	108	929	3	29	68	445	37	455
4th Quarter	262	2322	40	239	137	1083	85	1000
Total 1992	848	8165	73	878	518	3998	257	3289

Source : Foreign Trade Report

1/ – Salted, smoked etc.

FISH PRODUCTION, IMPORT & EXPORT 1988 - 1992

Fig. X - 1

