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**ANNUAL AGRICULTURAL  
STATISTICAL DIGEST  
1997**

*MINISTRY OF AGRICULTURE  
FISHERIES, FORESTRY AND  
THE ENVIRONMENT*

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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 1997. Data for the four year period 1993 to 1996 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.

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## 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 the 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 for 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 purchased account for an estimated 90 - 95% of the islands total production and are exclusively for exports mainly to the United Kingdom, variation in amounts may be due to "left back fruit" on the docks.

### THE COCONUT INDUSTRY

Copra is produced 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). The SLCGA purchased the assets of the Copra Manufacturers Limited (CML). The copra purchased by the SLCGA, 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 early 1990's have seen increasing demand for water nuts which have a lower cost of production and marketing.

### 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

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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 rounded 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 1997 period is provisional.

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.

There is a renewal of interest in the cocoa industry on the part of the Ministry and this will be manifested in concrete activities in subsequent years.

#### 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 eggs is handled solely by the SLMB.

This year assistance in the procurement of chicks to assist in maintaining the laying flock was provided by SLEPCO ( St Lucia Egg Producers Co-operative).

#### TRADE IN OTHER AGRICULTURAL COMMODITIES

Data from this section reflects Agricultural trade in non traditional crops as well as fresh produce. Also reflected in this section is the trade balance on food. The island continues to experience a negative trade balance of food. Information on ginger purchases and exports were negligible, and as such no data was supplied in this edition on ginger performance.

#### 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 Department of Fisheries (Fisheries Management Unit (FMU)) of the Ministry of Agriculture. The fishing season extends from January to June and

## **Review of the Agricultural Sector**

The five year trend in agricultural contributions to Gross Domestic Product (GDP) as indicated in Table I-1 showed that the sector has contracted substantially since 1993. Agriculture estimated GDP contribution for 1997 was \$91.7 million. The 1997 agriculture GDP represents a decline of \$3 million or 3% from 1996 amount. Since 1995, agriculture's GDP contribution has been below \$100 million.

This downward trend in the sector's performance is mirrored in the general performance of its' major sub sector, the banana sector. Despite it's relative decline, the banana sector still plays a pivotal role in the performance of the agricultural sector. Banana exports consistently accounts for over 90% of total agricultural exports. Generally, the banana sector accounts for about 50% of agricultural GDP.

In 1997, agricultural exports' earnings dropped even further. Total agricultural export earning was approximately \$ 97 million or 63% of total domestic export. This figure represents a decline of \$49 million or 33%. The first quarter of 1997 recorded the highest agricultural export earnings also reflecting the highest earnings from banana exports.

Exports of selected non banana agricultural produce declined even further in 1997. Export of selected agricultural produce was 1,300 tonnes valued at \$1.7 million. The export volume declined by 100 tonnes or 7.3 % while the earnings declined by \$0.3 million or 14%.

The decline in export levels of dominant non banana crops such as avocado, breadfruit and plantain impacted significantly on the export volumes of agricultural produce.

Meanwhile the livestock's sector seems to have picked up from it's staggering performance in 1996. Milk production recorded an increase of 27%. Local egg production increased by 8%. There were no imports of table eggs recorded for 1997, suggesting that the island is becoming self sufficient in table eggs.

A major positive turnaround in the coconut industry was recorded in 1997. The St. Lucia Coconut Growers Association purchased the assets of the Copra Manufactures Ltd. This development revived the copra industry. The revival was reflected in an increase of 45% more of copra purchases. Once again the industry was able to export coconut oil. Coconut oil exports generated income of \$0.2 million

The impact of the cocoa rehabilitation project is yet to take effect on the cocoa industry. The cocoa industry did not record such favorable performance in comparison to the coconut industry. Total cocoa purchased as recorded by the St. Lucia Agriculturist Association declined by one (1) tonne or 3%. Correspondingly export's volume fell by 10%.

The fishing industry continues to expand. In 1997 the industry experienced a 10% increase in total volume of fish landed at the various landing sites on the island. It should be noted that the island recorded a 24% decline in fish imports. A positive sign that the island is making strides in becoming self sufficient in fish supply.

St. Lucia has become a net importer of food. The island recorded its highest negative trade balance of food of almost \$100 million. Food import volume remained at the same level as of 1996. Food exports earnings were less than \$100 million, in fact the negative trade balance of food was higher than the income obtained from food exports.

**Table I- 1 Gross Domestic Product at Factor Cost Constant Prices  
(1993 - 1997) (R) - (Base Year 1990)**

Million E.C\$

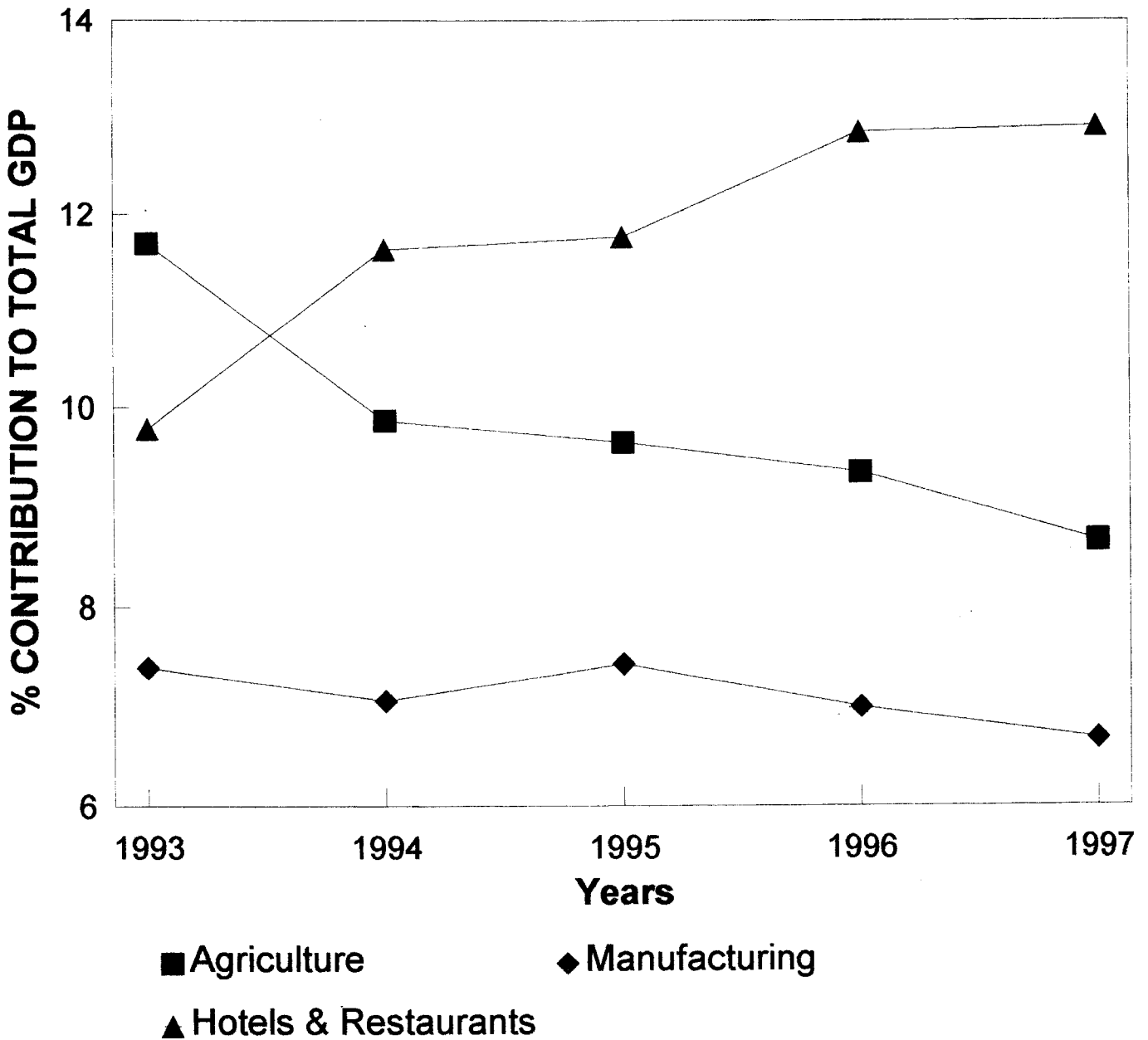
Sector	1993	1994	1995	1996 R/	1997 P/
Agriculture	118.7	100.1	97.8	94.7	91.7
Mining & Quarrying	3.8	2.9	4.8	2.6	2.6
Manufacturing	75.1	71.7	75.4	71.1	70.8
Construction	80.3	83.1	84.1	79.1	80.0
Electricity & Water	34.2	36.3	39.7	40.5	42.2
Wholesale & Retail Trade	161.8	152.8	145.0	144.0	145.0
Hotels & Restaurants	99.2	118.0	119.3	130.4	136.9
Transport	104.2	112.8	114.5	117.4	118.3
Communication	72.0	89.2	89.1	94.1	95.0
Banking & Insurance	80.9	87.3	91.9	98.3	98.6
Real Estate Etc	71.5	72.4	73.3	74.2	75.2
Government Services	125.4	131.9	135.8	137.1	139.8
Other Services	47.7	47.4	42.8	40.6	50.6
Less Imputed Banking					
Service Charge	(68.6)	(74.2)	(76.8)	(82.8)	(86.3)
<b>Total</b>	<b>1006.0</b>	<b>1031.6</b>	<b>1036.6</b>	<b>1041.3</b>	<b>1060.4</b>

Source : Government Statistics Department

P/ means Preliminary Estimates

FIG I- 1

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



Source: Government Statistics Department

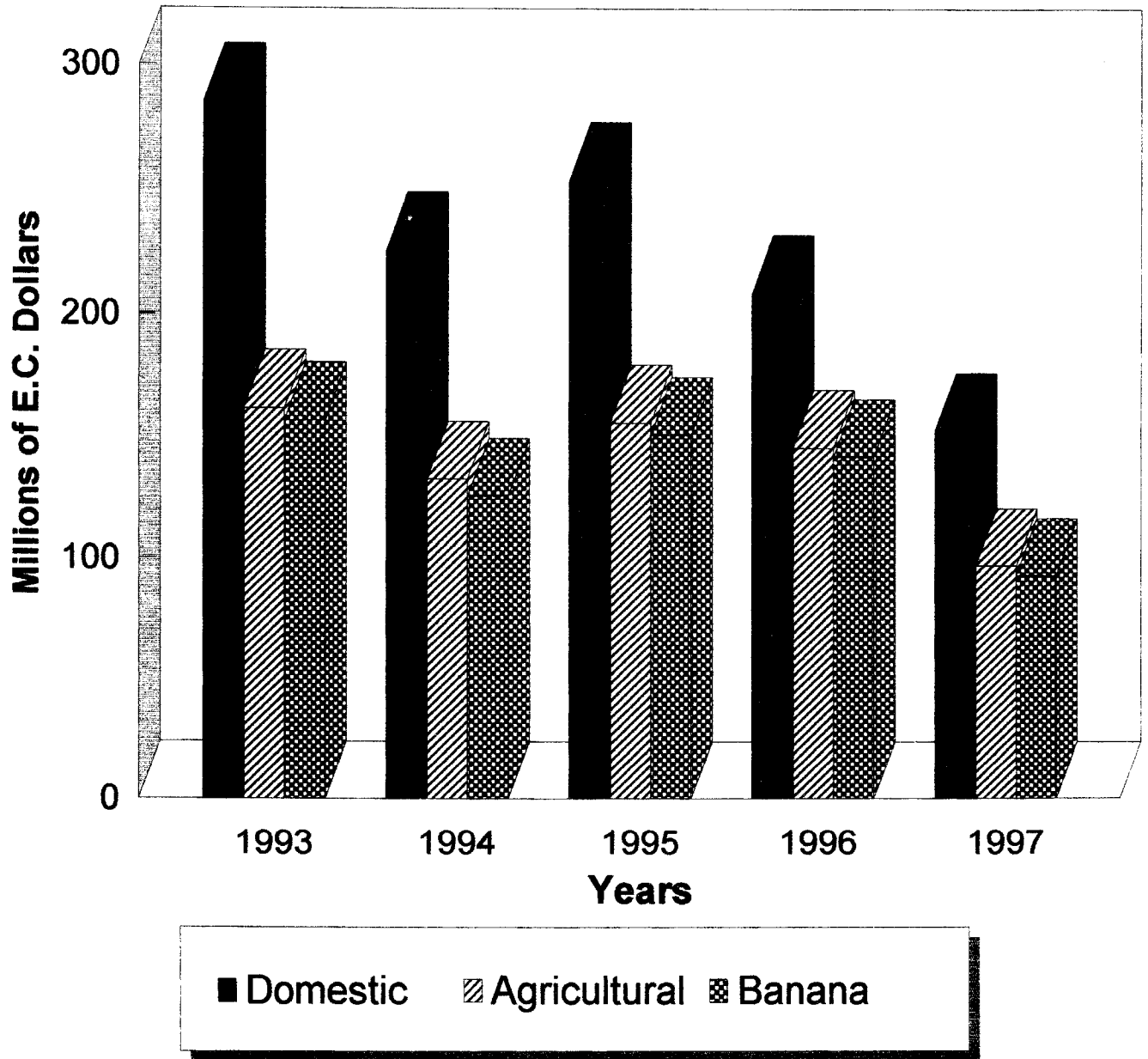
**TableI- 2 Total Domestic Exports and Agricultural Exports (\$'000) 1993 - 1997**

Period	Total Domestic Export (1)	Total Agricultural Export (2)	Banana Export (3)	2 as a % of 1	3 as a % of 2
1993	285,793	162,015	156,713	57	97
1994	225,078	133,186	126,409	59	95
1995	253,161	155,952	151,177	62	97
1996	208,344	145,700	142,360	70	98
1997 1st Quarter	44,646	29,520	29,112	66	99
2nd Quarter	39,224	25,244	24,355	64	96
3rd Quarter	29,167	15,812	14,541	54	92
4th Quarter	39,918	26,353	25,203	66	96
<b>Total 1997</b>	<b>152,955</b>	<b>96,929</b>	<b>93,211</b>	<b>63</b>	<b>96</b>

Source : Foreign Trade Report

FIG I- 2

**DOMESTIC, AGRIC. & BANANA EXPORTS  
1993 - 1997**



Source: Foreign Trade Report



## METEOROLOGICAL OBSERVATIONS

The 1997 average minimum and maximum temperatures recorded at the Union Agricultural Stations were 23.5 and 30.1 degrees Celsius respectively. The average maximum temperature did not vary from the 1996 level. However, the average minimum temperature increased slightly by 0.1 degrees Celsius. The average lowest and average highest temperatures were both recorded in the month of November.

The mean relative humidity remained the same in 1997 as compared to the previous year. Similarly, the mean evaporation rate remained the same for 1996 and 1997. That is 417 mm per day.

Total rainfall for 1997 recorded from the various observation stations declined by 20% in comparison to 1996. The drop in rain fall amounts resulted in a dry spell for the first quarter of the year. Edmond Forest continues to record the highest rainfall levels relative to the other seventeen observation stations. In 1997, Edmond Forest recorded 3132.6 mm of rainfall.

The Troumasse observation station recorded the most significant decline in rainfall amounts in 1997. The heaviest rainfalls were recorded in the third quarter. The third quarter accounted for 41% of total rainfall for 1997.

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

Period	1993		1994		1995		1996		1997	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
January	19.6	28.3	22.0	28.7	20.9	28.7	22.8	29.5	22.6	28.5
February	18.9	28.6	21.7	28.0	22.4	29.6	22.7	29.3	22.4	28.3
March	20.9	28.5	20.8	28.5	22.7	29.1	21.8	28.6	22.6	28.5
April	22.2	30.1	22.2	29.0	23.2	29.5	22.4	29.1	22.1	29.4
May	22.2	30.5	24.4	29.8	24.0	30.0	23.9	29.4	25.0	30.2
June	24.0	30.4	25.2	29.6	25.1	30.1	24.6	29.9	24.0	30.8
July	23.0	30.2	25.0	29.7	25.3	31.0	24.7	29.7	25.1	29.8
August	22.8	30.1	24.7	29.7	24.3	30.9	24.0	30.3	24.2	30.9
September	22.1	30.5	23.9	29.7	23.9	31.1	24.1	32.5	24.5	31.0
October	22.5	30.0	22.7	30.0	21.9	31.1	24.0	32.6	23.9	31.3
November	22.1	29.4	23.8	29.9	22.3	30.5	23.7	31.2	21.5	32.1
December	23.7	28.9	22.1	29.9	23.6	29.0	22.6	29.2	23.7	29.9
<b>Yearly Average</b>	<b>22.0</b>	<b>29.6</b>	<b>23.2</b>	<b>29.4</b>	<b>23.3</b>	<b>30.1</b>	<b>23.4</b>	<b>30.1</b>	<b>23.5</b>	<b>30.1</b>

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**

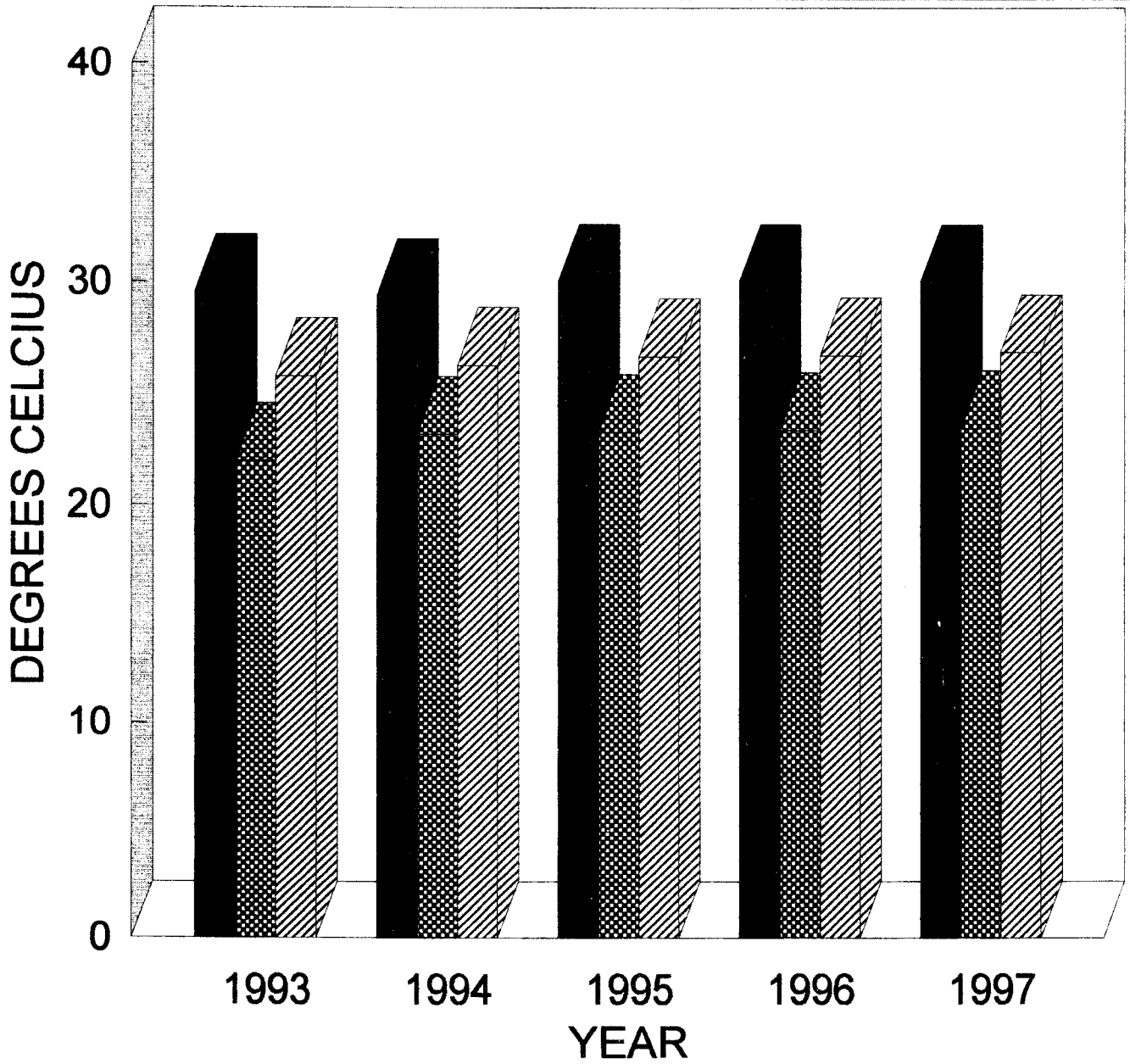
Period	Mean Temperature (degrees Celcius)			Mean Relative Humidity (%)	Mean Evaporation (mm) 1/
	Max	Min	Mean		
1993	29.6	22.0	25.9	77	5.0
1994	29.4	23.2	26.2	74	5.0
1995	30.1	23.3	26.7	77	4.9
1996	30.1	23.4	26.8	76	4.7
1997 1st Quarter	28.4	22.5	25.5	75	4.5
2nd Quarter	30.1	23.7	27.1	73	5.7
3rd Quarter	30.6	24.6	27.8	79	4.4
4th Quarter	31.1	23.0	27.0	77	4.2
<b>Average 1997</b>	<b>30.1</b>	<b>23.5</b>	<b>26.9</b>	<b>76</b>	<b>4.7</b>

Source : Engineering Division - Ministry of Agriculture

1/ - Mean Evaporation per Day.

FIG II - 1

# ANNUAL TEMPERATURE RANGE



■ MAXIMUM    ▒ MINIMUM    ▨ MEAN

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

Stations	1993	1994	1995	1996	1997
Marquis Estate	1,575.0	1172.0	2068.1	2146.2	1577.3
Trouya	1,030.7	1496.0	1788.2	1945.9	1411.6
Union	1,850.4	1903.0	2082.9	2550.7	1747.5
George V Park	1,395.9	1616.0	1708.3	1934.6	1870.1
Government House	1,778.5	1913.0	1862.6	2284.8	1779.1
Roseau, Winban	1,959.0	1990.3	2003.4	2350.6	1892.3
Barre De L'isle	2,127.5	2419.0	2247.5	2554.7	2057.7
La Caye	1,625.6	1648.0	2093.7	2011.1	1571.3
Mamiku	1,489.1	1422.7	1757.8	1812.9	1536.0
Patience	1,715.9	1687.0	2197.5	2176.8	1573.3
Mahaut	2,255.1	2334.9	2228.4	2294.3	2229.2
Beausejour	1,286.2	1371.0	1669.2	1683.7	1465.7
Bath Nursery	2,006.7	2709.0	2546.1	2896.8	2392.4
Union Vale	1,669.6	1793.0	1986.2	2109.3	1628.4
Edmond Forest	2,849.1	3257.7	3474.4	3673.8	3132.6
Troumassee	1,310.3	1429.0	1886.6	1904.1	1247.4
George Charles Airport	1,566.9	1748.0	1868.6	2197.5	1611.3
Hewannora Airport	1,400.2	1364.0	1640.1	1574.1	1284.1

Source : Engineering Division, Ministry of Agriculture

Note that Vigie Airport has been renamed the George F. L. Charles Airport.

**Table II - 4. Rainfall Data (mm) from Observation Stations - 1997**

Station	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1997
Marquis Estate	133.9	55.3	43.1	41.8	65.3	172.2	190.8	107.9	268.2	172.3	207.3	119.2	<b>1577.3</b>
La Caye	97.0	44.6	52.6	44.8	47.2	145.8	173.1	155.2	280.6	205.0	207.4	118.0	<b>1571.3</b>
Trouya	103.0	63.2	60.2	20.4	52.0	188.4	163.6	122.6	166.6	234.1	141.7	95.8	<b>1411.6</b>
Union	129.8	66.6	53.2	17.6	77.6	199.4	232.4	184.6	205.0	286.0	175.2	120.1	<b>1747.5</b>
George V Park	107.7	56.8	62.4	16.0	79.1	234.7	304.3	180.6	171.9	259.8	280.7	116.1	<b>1870.1</b>
Government House	124.5	62.4	53.2	18.1	92.8	213.2	252.0	170.8	197.7	264.5	203.2	126.7	<b>1779.1</b>
Roseau, Winban	101.8	84.4	50.0	37.2	59.0	192.0	306.4	177.0	299.5	193.0	284.2	107.8	<b>1892.3</b>
Barre D'Isle	162.4	73.2	75.4	30.8	69.2	175.6	244.0	216.4	342.5	229.8	271.0	167.4	<b>2057.7</b>
Cardi	150.6	48.8	50.2	39.2	54.4	160.8	204.0	176.1	295.0	192.8	218.1	136.1	<b>1726.1</b>
Mamiku	102.2	46.0	27.6	50.2	34.0	149.6	146.0	137.6	316.2	192.8	233.4	100.4	<b>1536.0</b>
Patience	107.6	55.4	41.4	62.8	41.4	144.6	167.8	137.8	334.4	185.6	186.6	107.9	<b>1573.3</b>
Errard Estate	130.2	62.6	65.8	42.6	53.2	181.0	212.8	208.2	329.8	251.8	224.4	114.2	<b>1876.6</b>
Mahaut	186.0	100.4	102.8	65.4	48.6	195.0	280.6	195.6	443.6	250.4	217.4	143.4	<b>2229.2</b>
Barthe Nursery	152.6	145.2	105.4	64.6	129.0	221.5	309.5	244.4	458.4	179.2	237.8	144.8	<b>2392.4</b>
Union Vale	70.6	81.8	47.2	29.6	65.2	170.6	239.8	173.4	340.6	164.8	144.2	100.6	<b>1628.4</b>
Edmond Forest	292.6	183.8	162.4	84.6	117.2	294.6	387.4	261.4	574.8	287.8	320.4	165.6	<b>3132.6</b>
Troumassee	82.0	24.4	46.6	49.2	23.8	122.0	90.2	86.2	311.0	149.2	183.4	79.4	<b>1247.4</b>
Hewannora Airport	117.0	24.3	47.4	14.7	40.6	131.1	169.4	129.6	217.2	154.2	140.1	98.5	<b>1284.1</b>
Cap Estate	104.6	41.2	33.8	20.4	77.6	139.6	156.6	80.8	142.4	203.8	119.8	78.0	<b>1198.6</b>
Beausejour	120.1	25.8	36.8	16.8	42.4	164.3	154.7	132.9	318.5	182.3	156.9	114.2	<b>1465.7</b>
George Charles Airport	101.4	65.5	37.7	17.3	55.3	213.3	235.1	167.8	196.8	254.5	177.7	88.9	<b>1611.3</b>

Source : Engineering Division - Ministry of Agriculture

## AGRICULTURAL FINANCING

The number of loans approved for agricultural and fishing activities showed a 26% increase in 1997 in comparison to 1996. Conversely, the value of the number of loans decreased by 11%.

The Caribbean Development Bank (CDB) continues to be a major financial source for agricultural and fishing loans. The CDB contributed 98% of the total monies to finance loans in 1997. One hundred and thirty four of the one hundred and thirty seven loans were funded by CDB. Meanwhile, the amounts of funds disbursed by local sources for agricultural loans continue to decline. Local funds accounted for only 0.7% of total loans' funds.

Traditionally, the bulk of funds are disbursed for farm development. However in 1997, the majority of loans funded that is 41% were disbursed to the livestock sector. Farm development received 40% of total funds approved loans.

Industry continues to record no loaning activities. The number of loans for fishing activities increased by 26%. However, the value of these loans declined by 26%.

The smaller farms, that is farms 1- 5 acres accessed the bulk (94%) of the monies disbursed for farm development. In the livestock category loans for poultry accessed the bulk (97%) of the funds allocated to that sector.

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

Period	Type of Credit Scheme											
	CDB			SFAD			Local			Total		
	No.	\$'000	%	No.	\$'000	%	No.	\$'000	%	No.	\$'000	%
1993	127	1,282	59	-	-	-	15	896	41	<b>142</b>	<b>2,178</b>	<b>100</b>
1994	143	1,754	95	-	-	-	13	94	5	<b>156</b>	<b>1,848</b>	<b>100</b>
1995	126	1,604	87	-	-	-	5	241	13	<b>131</b>	<b>1,845</b>	<b>100</b>
1996	106	2,692	96	-	-	-	3	117	4	<b>109</b>	<b>2,809</b>	<b>100</b>
1997	134	2,475	96	-	-	-	3	17	4	<b>137</b>	<b>2,492</b>	<b>100</b>

Source: St. Lucia Development Bank

CDB:- Caribbean Development Bank

SFAD:- Small Farmer Agricultural Development



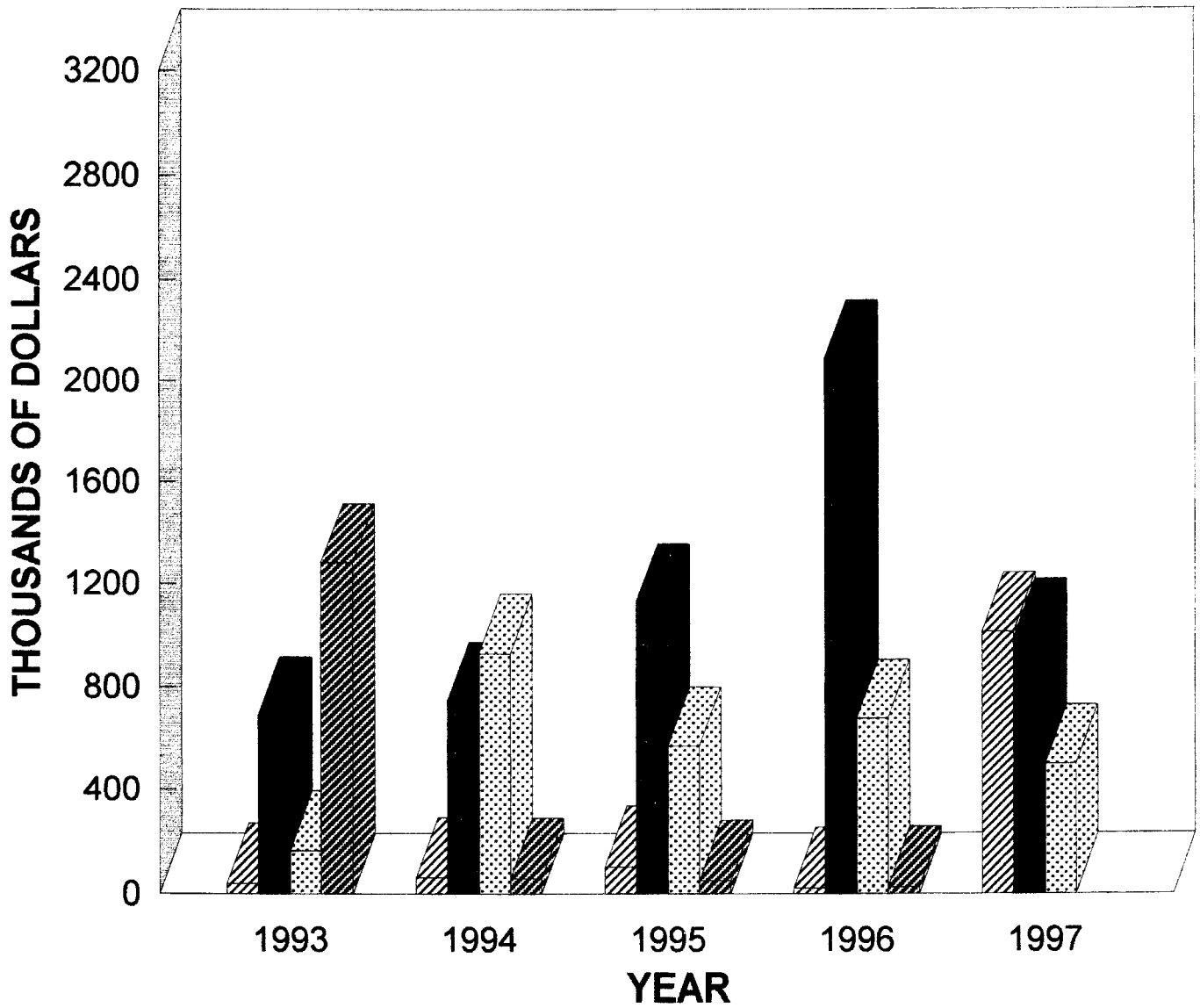
**Table III - 2. Loans Approved for Agricultural and Fishing Activities  
by Number, Value and Type of Activity**

Type of Activity	1993		1994		1995		1996		1997	
	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000	No.	\$'000
<u>Livestock</u>										
- Poultry	1	2	3	45	1	11	1	14	2	985
- Cattle	-	-	-	-	-	-	-	-	-	-
- Sheep	-	-	-	-	-	-	-	-	-	-
- Pigs	3	35	1	5	2	89	1	8	2	18
- Bees	1	3	2	11	1	3	-	-	2	8
<b>Total Livestock</b>	<b>5</b>	<b>40</b>	<b>6</b>	<b>61</b>	<b>4</b>	<b>103</b>	<b>2</b>	<b>22</b>	<b>6</b>	<b>1,011</b>
<u>Fishing</u>	16	164	39	928	38	567	27	674	34	496
<u>Farm Development</u>										
- 1-5 acres	58	504	73	592	68	556	71	2,006	95	930
- 6-10 acres	35	182	19	103	13	164	5	81	2	55
- 11+ acres	-	-	3	49	2	405	-	-	-	-
<b>Total Farm Development</b>	<b>93</b>	<b>686</b>	<b>95</b>	<b>744</b>	<b>83</b>	<b>1,125</b>	<b>76</b>	<b>2,087</b>	<b>97</b>	<b>985</b>
<u>Industry</u>	1	6	2	56	-	-	-	-	-	-
<u>Land Purchase and Development</u>	27	1,282	14	59	6	50	4	26	-	-
<b>Grand Total</b>	<b>142</b>	<b>2,178</b>	<b>156</b>	<b>1,848</b>	<b>131</b>	<b>1,845</b>	<b>109</b>	<b>2,809</b>	<b>137</b>	<b>2,492</b>

Source : St. Lucia Development Bank

FIG. III - 1

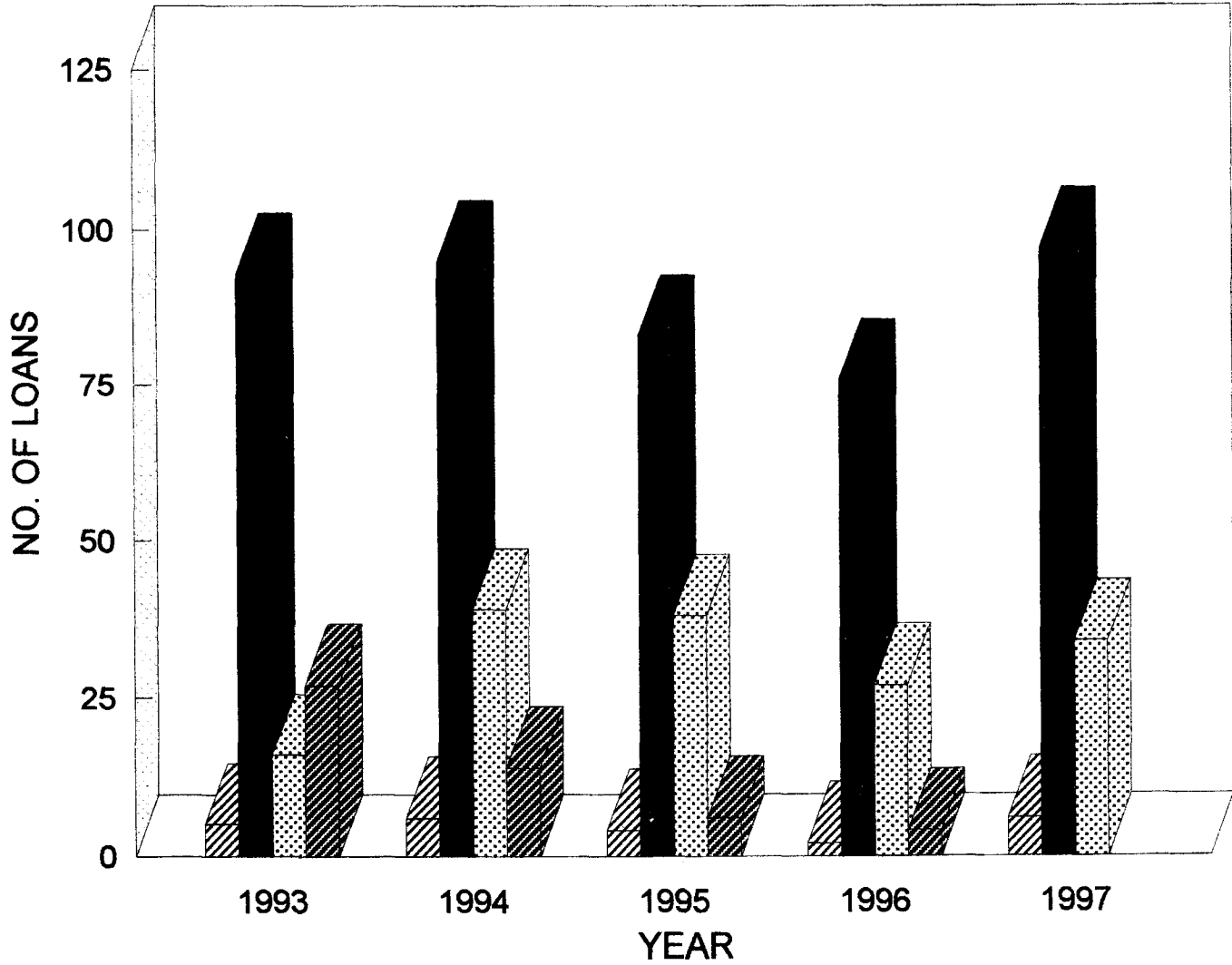
## VALUE OF AGRIC. LOANS DISBURSED BY TYPE OF ACTIVITY - (EC\$)



▨ LIVESTOCK                      ■ FARM DEVELOPMENT  
▨ FISHING                         ▨ LAND PURCHASE

FIG. III- 2

## NUMBER OF AGRIC. LOANS DISBURSED BY TYPE OF ACTIVITY



▨ LIVESTOCK                      ■ FARM DEVELOPMENT  
▣ FISHING                        ▨ LAND PURCHASE

## **The Banana Sector**

The performance in the banana sector contracted as a result of both internal and external factors. The level of banana production and exports for 1997 was the lowest recorded since 1993. Banana production as measured by purchases of St. Lucia Banana Growers Association fell way below the quota targeted for St. Lucia. Correspondingly banana exports fell below 127,000 tonnes.

Banana export for 1997 was 71,400 tonnes, dropping by almost 32% from 1996 export levels. The first quarter of 1997 recorded the highest production level of 22,000 tonnes and the largest export amount of 22,000 tonnes for 1997.

It should be noted that there were minimum left back fruits in 1997 in comparison to 1996, where a number of no cuts strike affected the tonnage of fruits exported.

The average sterling price increased by \$0.26 in comparison to the exchange value in 1996. In fact the highest sterling price value was achieved in 1997. The green market price declined further by \$0.22. Accordingly the price paid to SLBGA and farmers declined. The price paid to SLBGA declined by \$0.09 while the price paid to farmers declined by \$0.22. The prices of banana input continue to remain constant.

In 1997, the Windward islands saw the worst performance in their banana industries. Total Windward island export was 137,318 tonnes. This volume represents a 28% decline from the 1996 amount. Total earnings generated from banana exports was \$164.5 million. Banana export's earnings declined by \$ 59 million or 26% from 1996.

Although St. Lucia recorded the largest volume decline of 33,000 tonnes, the island was responsible for the bulk of Windward Islands banana exports. St. Vincent recorded the second largest decline of 1,300 tonnes or 30%, then Dominica a decline of five (5) tonnes or 12%. Grenada recorded no banana exports for the period.

**Table IV - 1. Banana Purchases and Exports**

Period	Tonnes	
	Purchases 1/	Exports 2/
1993	122,365	120,129
1994	90,713	90,061
1995	105,452	103,063
1996	105,341	104,777
1997 1st Quarter	21,771	21,748
2nd Quarter	17,196	17,218
3rd Quarter	13,102	13,012
October	6,322	6,321
November	6,063	6,073
December	6,899	7,021
4th Quarter	19,284	19,415
<b>Total 1997</b>	<b>71,353</b>	<b>71,393</b>

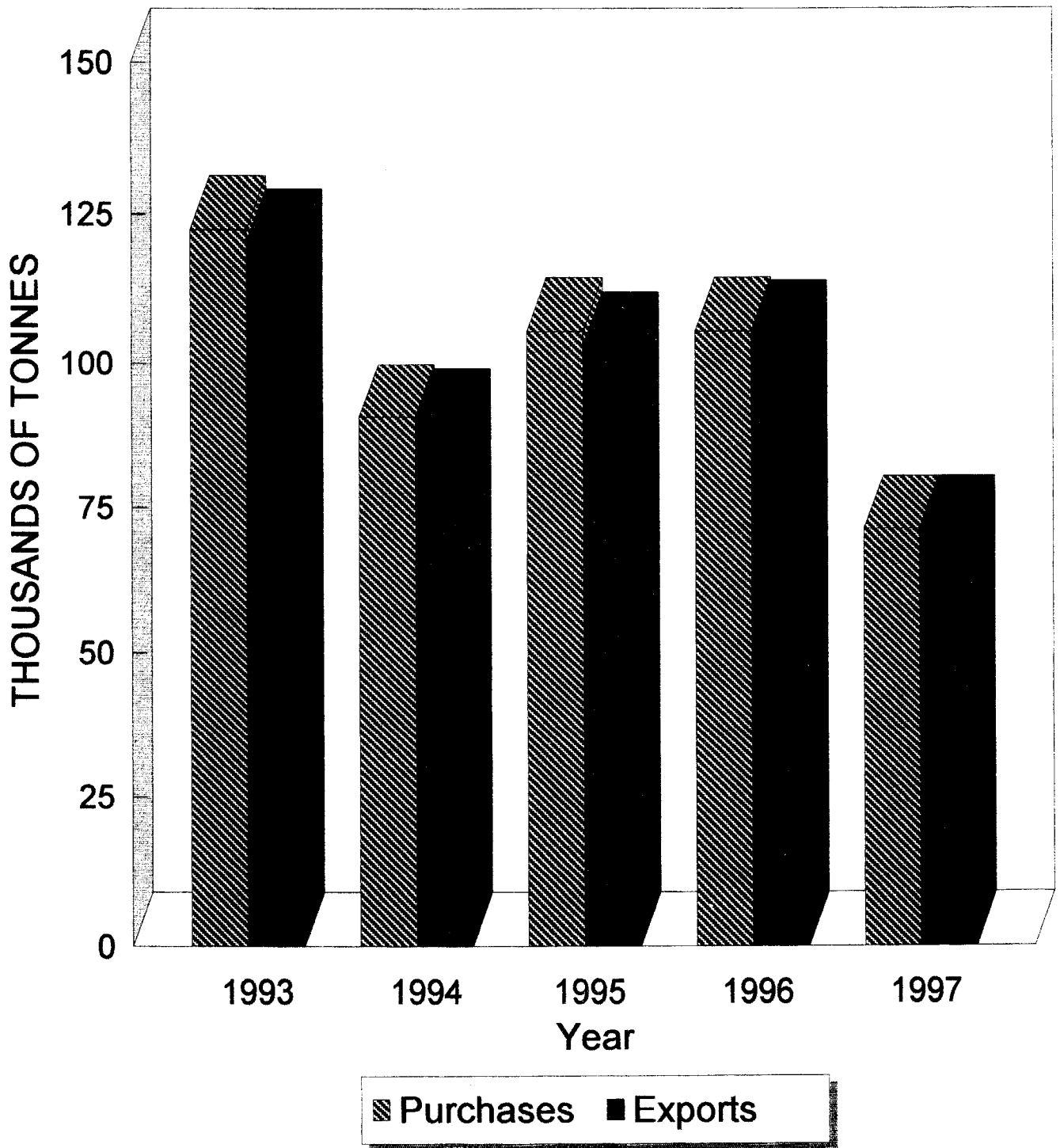
Source : St. Lucia Banana Growers Association

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

2/ - These are sales to Geest by SLBGA

FIG IV- 1

## BANANA PURCHASES & EXPORTS



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

Buying Depots	Zone	1997							Total 1997	Total 1996	Total 1995	Total 1994	Total 1993
		1st Quarter	2nd Quarter	3rd Quarter	October	November	December	4th Quarter					
Fond Assau	A - 1	65	-	-	-	-	-	-	65	281	188	292	338
Forestierre	A - 2	60	-	-	-	-	-	-	60	272	245	316	336
Union	A - 3	-	-	-	-	-	-	-	-	-	-	-	-
Ti Rocher	A - 4	-	-	-	-	-	-	-	-	-	-	-	42
Deneriere Riviere	B - 1	549	478	312	135	131	156	422	1,761	2,103	1,677	1,413	1,583
Gadette	B - 2	517	619	409	202	201	239	642	2,187	2,198	1,627	1,344	1,511
Grand Riviere	C - 1	1,803	1,052	601	259	297	387	943	4,399	5,810	4,935	3,719	4,334
Theobald	C - 2	361	275	200	87	66	80	233	1,069	1,553	1,222	883	891
Errard	C - 3	421	367	239	109	112	128	349	1,376	1,662	1,001	710	1,159
Troumassee	F - 1	849	625	457	233	240	338	811	2,742	3,627	2,215	1,217	1,999
Blanchard	F - 2	570	594	460	219	207	255	681	2,305	2,602	1,829	1,211	657
Retraite	H - 1	273	201	125	-	-	-	-	599	995	1,037	941	1,405
Belle Vue	H - 2	1,158	841	630	358	354	429	1,141	3,770	4,478	3,518	2,742	4,191
Banse	H - 3	335	322	252	137	142	183	462	1,371	1,365	1,331	1,208	1,953
Morne Cayenne	H - 4	538	464	68	-	-	-	-	1,070	2,254	1,548	893	1,390
Victoria	I - 1	-	-	-	-	-	-	-	-	-	-	-	171
Giraud	I - 2	78	5	-	-	-	-	-	83	245	309	197	-
Odsan	J - 1	276	131	80	-	-	-	-	487	1,034	949	959	1,075
Vanard	J - 2	284	247	196	-	-	-	-	727	1,102	891	1,049	1,260
Bexon	J - 3	-	-	-	-	-	-	-	-	-	-	-	234
S.L.M.F.		-	-	-	-	-	-	-	-	85	-	-	998
Private Estates		20,085	10,997	8,982	4,582	4,323	4,827	13,732	53,796	73,139	78,143	71,375	96,860
<b>Total</b>		<b>28,222</b>	<b>17,218</b>	<b>13,011</b>	<b>6,321</b>	<b>6,073</b>	<b>7,022</b>	<b>19,416</b>	<b>77,867</b>	<b>104,805</b>	<b>102,665</b>	<b>90,469</b>	<b>122,387</b>

Source : St. Lucia Banana Growers Association

**Table IV - 3. Banana Price Structure**

Period	Average sterling price Value - E.C\$	Price (\$E.C per kg )		
		Green Market Price 1/	Price Paid to SLBGA 2/	Price Paid to Producers 3/
1993	4.02	2.18	1.13	0.69
1994	4.11	2.54	1.27	0.74
1995	4.23	2.35	1.26	0.80
1996	4.16	2.27	1.17	0.75
1997 1st Quarter	4.40	1.75	1.08	0.51
2nd Quarter	4.40	2.22	1.30	0.46
3rd Quarter	4.40	2.18	0.77	0.42
October	4.37	2.33	1.25	0.42
November	4.56	2.05	1.12	0.48
December	4.49	1.79	1.17	0.79
4th Quarter	4.47	2.06	1.18	0.56
<b>Average 1997</b>	<b>4.42</b>	<b>2.05</b>	<b>1.08</b>	<b>0.49</b>

Source : Windward Island Development Export Company (WIDECO)

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

2 - Price paid by WIDECO 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
1993	122,925	137,898	58,686	61,997	55,936	65,122	4,791	4,845
1994	90,061	115,713	30,925	39,826	42,702	55,373	4,542	5,906
1995	103,667	128,093	49,898	61,281	32,322	45,145	4,546	5,205
1996	104,805	125,792	43,985	52,426	39,532	44,527	1,849	1,474
1997 1st Quarter	21,749	23,304	9,078	8,966	11,695	11,783	-	-
2nd Quarter	17,219	23,424	7,265	9,848	9,398	12,696	-	-
3rd Quarter	13,011	15,237	5,745	7,015	6,401	7,649	-	-
4th Quarter	19,416	23,974	8,933	11,277	7,408	9,343	-	-
<b>Total 1997</b>	<b>71,395</b>	<b>85,939</b>	<b>31,021</b>	<b>37,106</b>	<b>34,902</b>	<b>41,471</b>	-	-

Source : WIBDECO

**Table IV - 5. Price Range of Banana Inputs for 1997**

Type of Inputs	Unit of Quantity	Price Range E.C. \$ . C
Blue Diothene - Large	30 Kg roll	156.69 - 212.87
Blue Diothene - Treated	10 Kg roll	145.90 - 321.00
Blue Diothene - Small	15 Kg roll	90.20 - 111.41
White Diothene	30 Kg roll	143.50 - 172.13
Twine	Roll	25.53 - 36.00
<b><u>FERTILIZERS</u></b>		
Fertilizer N.P.K. - 13.7.23.5	50 Kg Bag	50.00 - 55.51
- 16.8.24+2	50 Kg Bag	46.83 - 57.24
- 16.4.24+2	50 Kg Bag	44.00 - 53.00
Sulphate of Ammonia	50 Kg Bag	24.00 - 33.50
Muriate of Potash	50 Kg Bag	43.71 - 47.28
Sodium Nitrate	50 Kg Bag	52.54 - 58.18
Urea	50 Kg Bag	47.00 - 58.00
Dolomite Lime	50 Kg Bag	36.00
<b><u>WEEDICIDES</u></b>		
Daconate	Gallon	34.00 - 38.70
Gramaxone	5 Litre	58.42 - 66.39
Gramaxone	1 Litre	13.45 - 15.29
Reglone	5 Litre	80.50 - 91.68
Reglone	1 Litre	17.50 - 20.00
Round Up	Gallon	142.60 - 162.19
Round Up	1 Litre	35.21 - 40.01
Touch Down	5 Litre	125.52 - 153.19
Touch Down	1 Litre	27.58 - 31.00
Talent	1 Litre	34.50 - 38.95
<b><u>INSECTICIDES</u></b>		
Furadan	25 Kg Bag	185.00 - 210.80
Furadan	10 Kg Bag	74.19 - 84.31
Primicid	5 Litre	151.43 - 154.42
Vydate	Gallon	104.65 - 118.93
<b><u>FUNGICIDES</u></b>		
Calixin	1 Litre	46.12 - 57.65
Mertect	1 Litre	84.54 - 97.80
Allum	Lb/Kg	0.46 / 1.01

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
1993	2,741	1,687	192	85	83	96	4,270	2,713
1994	84	145	--	2	25	16	4,915	5,508
1995	17	36	334	656	31	42	6,730	5,934
1996	7	16	--	5	9	12	8,027	7,835
1997 1st Quarter	--	--	--	--	5	6	1,798	4,441
2nd Quarter	--	--	2	2	6	4	2,139	1,728
3rd Quarter	38	21	--	--	6	4	1,821	1,518
4th Quarter	--	--	--	--	1	1	2	13
<b>Total 1997</b>	<b>38</b>	<b>21</b>	<b>2</b>	<b>2</b>	<b>18</b>	<b>15</b>	<b>5,760</b>	<b>7,700</b>

Source: Foreign Trade Report

## THE COCONUT INDUSTRY

The coconut industry showed a major positive turnaround in 1997. The assets of the Copra Manufacture Ltd. (CML.) was purchased by The St. Lucia Coconut Growers Association. Copra purchased by the main purchaser, St. Lucia Coconut Growers Association, increased by 45% as compared to 1996. Overall, copra purchases were valued at \$2.5 million.

The first quarter of 1997 recorded the largest quantities of copra purchased, that is 30% of total copra purchased for 1997. Despite the increase in purchases, only some minimum quantities of copra products were exported. 1993 remain as the most significant year for the copra industry. The highest earnings of \$5.1 million were recorded.

The Copra Industry has not exported laundry soap since 1994. Unrefined coconut oils which have not been exported from 1993 to 1996, only recorded a small export amount of 14 liters. For the past two(2) years, there has been no exports of coconut meal and this situation is not expected to improve.

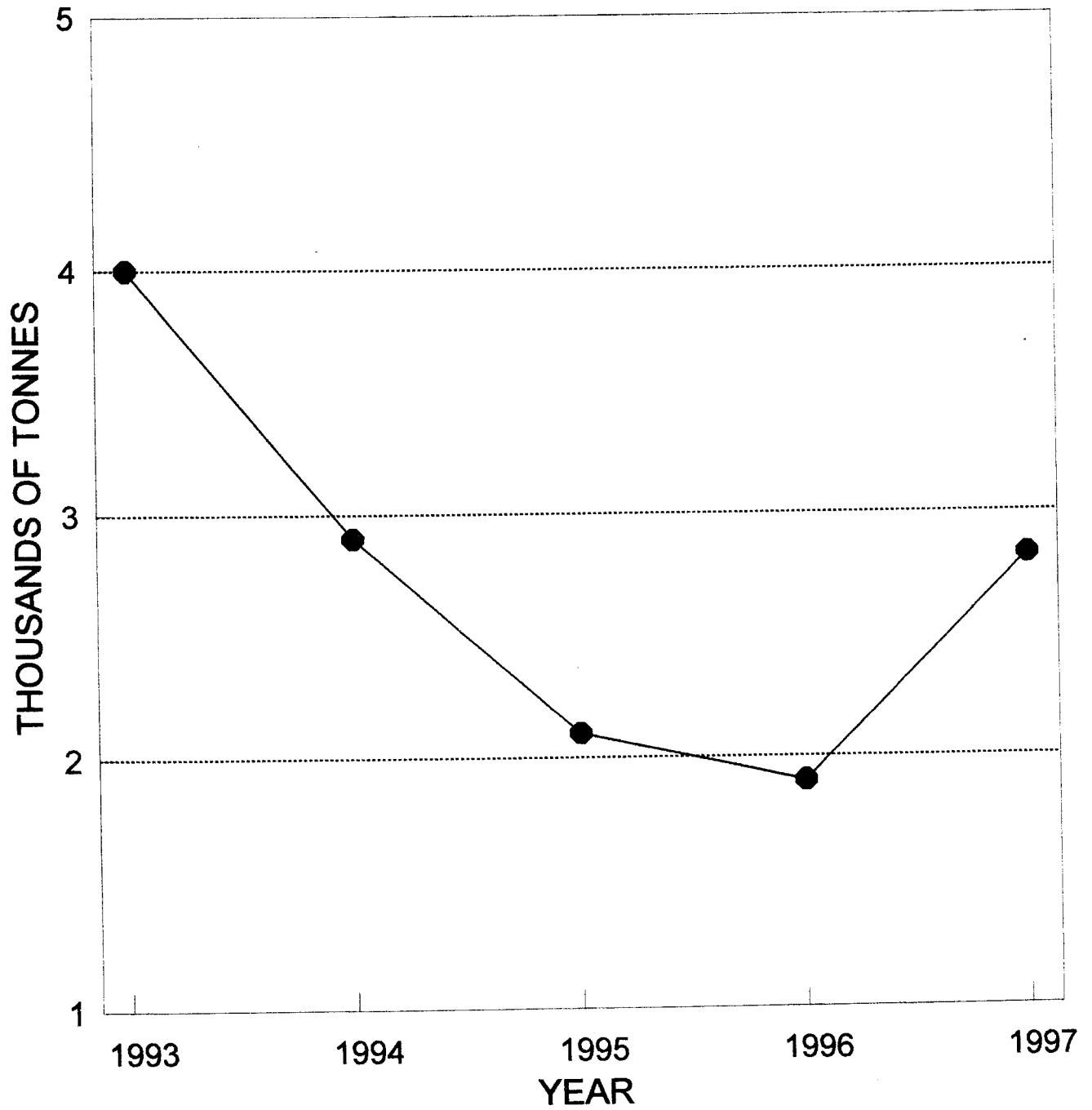
**Table V - 1. Copra Deliveries to Principal Purchaser**

Period	Quantity (TONNES)	Value \$'000
1993	4,042	3,896
1994	2,867	6,552
1995	2,098	1,484
1996	1,946	778
1997 1st Quarter	855	757
2nd Quarter	656	588
3rd Quarter	546	490
4th Quarter	766	699
<b>Total 1997</b>	<b>2,823</b>	<b>2,534</b>

Source : St. Lucia Coconut Growers Association

FIG V- 1

### COPRA PURCHASES BY PRINCIPAL PURCHASER



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

Period	Coconut Oil						Total Value \$'000	
	Refined			Unrefined				
	000 Litres	\$'000	000 Litres	000 Litres	\$'000	\$'000		
	Laundry Soap		Coconut Meal					
	Quantity Tonnes	Value \$'000	Quantity Tonnes	Value \$'000	Quantity Tonnes	Value \$'000		
1993	2,462	4,161	-	59	809	465	114	5,084
1994	889	1,982	-	-	-	308	74	2,056
1995	334	670	-	-	-	13	5	675
1996	-	-	-	-	-	-	-	-
1997	15	60	14	-	-	-	-	172

Source : Foreign Trade Report

## THE COCOA INDUSTRY

The impact of the cocoa rehabilitation is still to take its effects on the cocoa industry. An analysis of the industry for the five-year period shows that both production and export's volumes fluctuate from year to year. Total quantity of cocoa beans purchased by St. Lucia Agriculturist Association declined by 3% relative to 1996. Total quantity exported declined by 10%. Cocoa production on a whole was slightly lower than 1996.

Due to heavy rainfall in late 1996, cocoa production shifted from the first quarter to the second quarter of 1997. The second quarter accounted for 56% of total cocoa production for 1997. Accordingly that quarter recorded the largest export's amount that is 54% of total quantity exported. Total earnings from cocoa export was \$1.8 million. This value represents a decline of \$0.6 million or 3% as compared to 1996.

Producers of cocoa beans continue to receive an average price of \$6.60 for their produce.



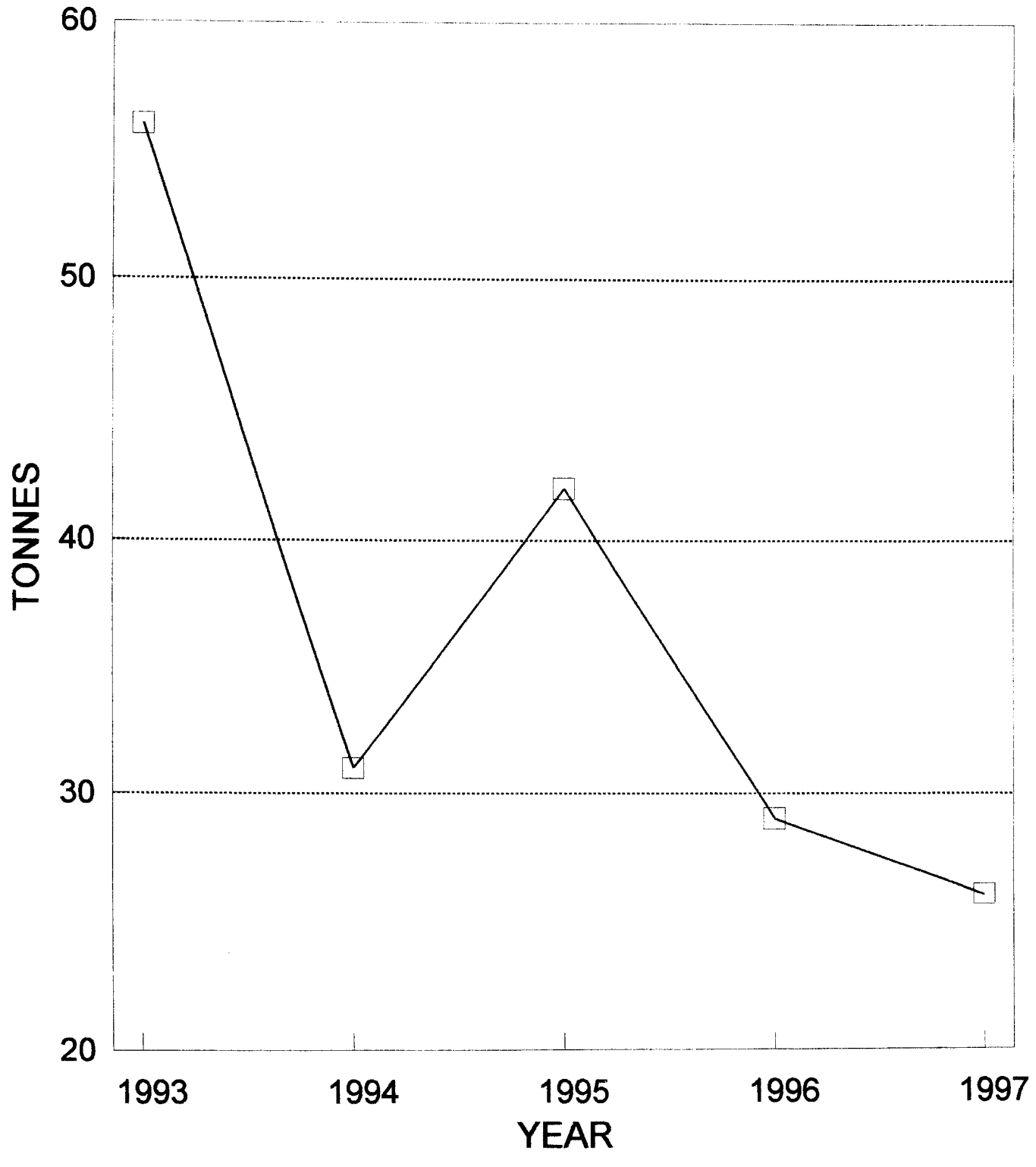
**Table VI - 1. Purchases and Exports (R) of Cocoa Beans**

Period	Purchases by Principal Exporter (Tonnes)	Export		Average Price Paid to Producers \$.C/kg
		Quantity (Tonnes)	Value \$'000	
1993	45	56	402	6.60
1994	53	31	334	6.60
1995	29	42	300	6.60
1996	31	29	191	6.60
1997 1st Quarter	8			6.60
2nd Quarter	17	14	100	6.60
3rd Quarter	3			6.60
4th Quarter	2	12	85	6.60
<b>Total 1997</b>	<b>30</b>	<b>26</b>	<b>185</b>	<b>6.60</b>

Source : St. Lucia Agriculturist Association & Foreign Trade Report

FIG. V - 2

# EXPORTS OF COCOA BEANS



## DOMESTIC FOOD MARKETING

The total volume of agricultural produce purchased by the leading supermarkets decreased by 3% as compared to 1996. The decline can be attributed to decreases in the quantity of vegetables, tree crops, root crops and condiments supplied to the marketing outlets. Fruit crop categories were the only fresh produce to record an increase in supply to the marketing outlets.

Purchase of fresh fruits have been on the increase for the past year, and 1997, was no exception. Some 16% more fruit was purchased in 1997, as compared to the previous year. Citrus maintained its position as the most popular fruit. Citrus accounted for 62% of total fruits purchased. Grapefruit purchased, not only dominated the citrus group but also the entire fruit category. Grapefruit accounted for 31% of total volume of fruits purchased.

Second to grapefruit were sweet oranges which recorded volumes well above the 130,000 kg mark.

The first four months of 1997, were the peak season for most citrus. Accordingly the prices of those produce were at the lowest during the first four months. Grapefruit was available at an average price of \$0.71 per kg. The price of sweet orange ranged from a low of \$0.79 per kg to a high of \$2.29 per kg.

Lime was the only citrus fruit recording decline in volume purchased. Lime purchases declined by 17% as compared to 1996.

In 1997, mangos recorded increased purchases in all varieties. Graham and Julie mangos recorded increases of 14% and 16% respectively. The amounts of pineapple purchased continue to decline due to low production.

For the first time in the five-year period, ripe banana recorded decline in the amounts purchased. Purchases of ripe bananas by the marketing outlet declined by 10% from 1996

amounts. However, ripe bananas maintained the average price of \$0.86 per kg.

Vegetable purchases declined by 10% in 1997, due to adverse weather conditions earlier in the year which impacted on production levels. The trend for the five-year review period reveals that vegetable purchases fluctuated throughout the period. Cabbage a major contributor of the vegetable category was most affected. Cabbage supplies to marketing outlets dropped by almost 78 tonnes or 57% relative to 1996. In fact this is the first significant decline recorded for cabbage purchases in the five-year review period.

On the other hand, cucumber and tomato recorded increase supplies. Cucumber accounted for the bulk of vegetable purchases that is 26%. Cucumber was sold at an average price of \$1.68 per kg. The quantity of tomatoes purchased by the leading marketing outlets has been on the increase from last year, 1996. Some 56% more tomatoes were purchased in 1997, as compared to the previous year. Tomato supply peaked in the months of March and April. Tomato prices ranged from a low of \$2.29 per kg in May and a high of \$6.03 per kg in December.

Hot pepper purchases showed favorable trends. The volumes of Hot pepper purchased continue to increase. This year Hot pepper purchases increased by 172%. On the other hand seasoning and sweet pepper recorded decreases in purchases of nine (9) and 21 percent respectively.

Tree crop purchases declined by 13% in 1997, relative to 1996. Despite the fact that both plantain and green banana recorded decrease purchases of 18% and 13% respectively, plantain and green banana still dominated the tree crop category, accounting for 63% and 16% respectively of total tree crops. Macambou continues to record increase purchases in excess of 50,000 kg. Breadfruit purchases increased by 7% over last year's.

Overall, root crop purchases fell by 12% in 1997, relative to 1996. Dasheen continued to be the dominant root crop in terms of volume purchased. For the past three (3) consecutive years, yellow yams have dominated the yam category. Of the yams purchased in 1997, only yellow and red yams recorded volumes decreases.

The 7% decline in the purchase of herb and spice was mainly due to a significant decline in the supply of parsley and to a lesser extent thyme and celery. Parsley supplied to the marketing outlets declined by 81%. Thyme and celery declined by 37% and 18% respectively. However, cinnamon and ginger recorded increases of 46% and 3% respectively.

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

Produce	1993	1994	1995	1996	1997
Apricot				66	152
Avocado	20,964	27,077	22,497	29,215	25,413
Banana [ripe]	39,840	45,126	83,026	89,299	80,090
Canteloupe	4,485	4,239	4,667	3,275	5,796
Carambola	566	645	1,784	7,716	10,591
Golden Apple	12,380	9,358	14,481	20,055	17,821
Grapefruit	123,921	133,592	195,897	142,217	243,098
Guava		45	44	1,088	1,796
Lemon	8,198	6,947	9,560	9,287	10,326
Lime	37,826	51,286	51,671	60,249	50,131
Loveapple	136	60	22	53	274
Mandarine	23	69	684	423	507
Mango - Graham	12,895	37,771	11,332	30,119	34,847
- Julie	3,102	9,581	8,264	12,481	14,209
- Others	10,767	29,504	20,720	26,701	29,388
Orange [sour]	5,301	5,575	6,897	9,086	13,979
Orange [sweet]	105,806	113,573	120,330	127,197	139,807
Ortaniques	160	258	307	2,386	3,322
Passion Fruit	7,718	9,713	9,586	22,883	14,725
Paw Paw	3,407	5,861	7,855	12,005	8,643
Pineapple	16,430	13,112	14,389	9,839	9,210
Plum	33	38	6,327	311	439
Sapodilla	38	242	215	226	479
Shaddock	77		142	332	344
Sorrel	78	35	115	233	877
Sour Sop	2,984	5,117	3,440	6,913	7,991
Sugar Apple			35	69	139
Tamarind			21	30	
Tangerine	20,366	19,277	23,648	15,699	23,518
Watermelon	12,052	21,100	11,236	24,907	25,968
Waxapple				1,522	1,671
<b>Total Fruits</b>	<b>449,553</b>	<b>549,201</b>	<b>629,192</b>	<b>665,882</b>	<b>775,551</b>
Bora Beans	33	15			
Bean Sprout		305	287	177	
Broccoli	85	51	184	371	354
Brussel Sprouts		109			
Cabbage - White	105,513	121,854	120,616	138,325	60,327
- Red				450	
Calaloo	83	94	308	372	530
Carrot	3,503	4,538	1,947	4,477	7,015
Cherry Tomato		46	33	179	450
Chinese Cabbage	9,273	13,820	16,289	16,624	13,532
Christophene	25,579	24,042	15,437	19,704	14,211
Corn	289	28	171	460	433
Cucumber	91,783	109,357	98,750	119,735	120,817
Eggplant	5,677	5,882	8,937	8,952	7,565
Lettuce	24,562	29,864	26,308	27,742	22,351
Okra	8,061	9,619	14,730	14,150	8,755
Pepper - Hot	1,813	4,907	6,644	12,379	33,610
- Seasoning	5,328	9,081	10,602	9,570	8,680
- Sweet	8,981	11,849	11,373	17,970	14,275

Continued Overleaf

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

Produce	1993	1994	1995	1996	1997
Pumpkin	34,925	43,595	44,155	52,914	48,478
Radish	9	287		50	
Salad Beans	18,826	17,277	13,578	17,191	15,382
Spinach	3,602	4,165	2,723	3,793	5,280
Squash	44	146	564	474	654
Tomato	34,137	53,491	46,720	48,767	75,985
Turnip	1,252	2,071	1,455	2,735	3,175
Watercress		12	97	189	246
Zucchini	1,350	2,042	2,995	1,600	2,753
<b>Total Vegetables</b>	<b>384,708</b>	<b>468,547</b>	<b>444,903</b>	<b>519,350</b>	<b>464,858</b>
Banana - Green	16,886	9,445	27,783	73,216	63,170
Breadfruit	2,788	5,023	18,188	17,350	18,592
Breadnut	199	1,218	1,360	1,936	2,304
Cashew Nut				1,678	1,834
Coconut - Dry (No)	996	557	233	363	935
Coffee	427	18	178	251	635
Macambou	14,099	14,108	23,217	57,525	59,196
Plantain	174,393	129,391	148,265	299,830	245,353
<b>Total tree crops</b>	<b>209,788</b>	<b>159,760</b>	<b>219,224</b>	<b>452,149</b>	<b>392,019</b>
Dasheen	123,432	111,455	140,195	225,897	182,906
Sweet Potato	61,825	48,419	92,854	111,939	90,974
Tannia	10,660	6,981	6,119	13,327	14,264
Yams - Banja	6,929	12,689	16,650	35,550	35,708
- Belep	24				
- Cush Cush	5,919	8,498	5,132	5,654	6,508
- Oriental	1,540	1,545		19	55
- Portuguese	5,298	6,676	11,519	20,488	25,692
- Red	110	198	324	1,185	616
- White	24,842	28,702	23,426	12,738	17,322
- Yellow	18,482	23,446	29,157	44,993	40,625
<b>Total Root Crops</b>	<b>259,061</b>	<b>248,609</b>	<b>325,376</b>	<b>471,790</b>	<b>414,670</b>
Basil	4		14		1
Celery	3,487	7,088	5,000	9,893	8,039
Chive	4,414	6,847	7,171	11,542	11,782
Cinnamon	1,015	1,580	2,032	1,993	2,912
Clove	75	44	25	5	104
Ginger	2,785	4,122	5,236	7,222	7,443
Leek	13		65	204	333
Nutmeg	544	734	280	510	419
Parsley	1,144	4,373	1,790	2,476	461
Thyme	430	506	285	361	227
<b>Total Herbs and Spices</b>	<b>13,907</b>	<b>25,294</b>	<b>21,884</b>	<b>34,206</b>	<b>31,720</b>
<b>Grand Total</b>	<b>1,317,017</b>	<b>1,451,411</b>	<b>1,640,579</b>	<b>2,143,377</b>	<b>2,078,818</b>

Source : Leading Supermarkets and the St. Lucia Marketing Board

**Table VII - 2. Total Quantity (Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets - 1997**

Produce	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1997
Apricot				33	66		40	13					152
Avocado	123	44	70			149	2,355	6,690	8,973	3,720	2,304	984	25,413
Banana [ripe]	5,334	5,037	5,994	7,140	6,586	8,175	8,954	6,862	7,985	6,444	5,668	5,912	80,090
Cantaloupe	42		57	615	425	165	132	152	3,605	362	240		5,796
Carambola	1,072	415	288	19	154	753	1,595	1,871	1,776	457	439	1,752	10,591
Genip													
Golden Apple	132					12	413	2,510	4,703	6,435	2,682	934	17,821
Grapefruit	26,012	28,867	34,960	47,193	30,374	24,515	5,965	1,454	3,498	10,390	15,969	13,902	243,098
Guava	33			19	15	25	69	84	595	590	363	3	1,796
Lemon	3,052	2,100	1,550	1,378	455	163	0	46	37	113	834	598	10,326
Lime	3,405	775	696	2,102	2,508	5,616	6,273	6,858	7,220	8,720	3,477	2,480	50,131
Love Apple	115			11			78	70	0	0			274
Mandarine	104	68					0	0	18	100	124	93	507
Mango - Graham				2,058	7,721	2,413	11,345	6,225	4,976	110			34,847
- Julie			418	706	641	1,413	3,670	5,797	1,549	15			14,209
- Others			80	4,359	3,997	4,495	8,513	5,537	2,243	164			29,388
Orange - sour	2,606	2,546	1,884	1,536	1,192	1,944	65	75	198	413	910	610	13,979
- sweet	27,962	17,745	2,724	230	87	502	1,684	6,045	13,666	20,627	22,645	25,890	139,807
Ortanique	1,082	1,404	104				0	0	0	0	73	660	3,322
Passion Fruit	204	4		281	1,508	3,382	159	1,025	1,350	1,217	1,913	3,682	14,725
Paw Paw	1,112	1,041	711	805	838	1,082	530	773	228	405	217	900	8,643
Pineapple	1,917	116	1,793	646	524	509	2,301	995	66	5	215	122	9,210
Plum							0	0	85	328	27	0	439
Sapodilla		29	118	200	88	21	0	5	0	0	18	0	479
Shaddock	64	42	150				0	0	0	0	0	88	344
Sorrel	361	29					0	0	0	0	0	487	877
Sour Sop	634	245	100	319	732	250	199	202	2,480	1,319	822	690	7,991
Sugar Apple							0	18	72	44	4	1	139
Tamarind							0	0	0	0	0	0	0
Tangerine	11,035	7,630	3,852	52		20	0	7	5	36	108	773	23,518
Watermelon	241	103	448	1,209	915	250	368	2,478	9,573	10,281	101	0	25,968
Waxapple				70		1,375	208	19	0	0	0	0	1,671
<b>Total Fruit</b>	<b>86,842</b>	<b>68,240</b>	<b>55,998</b>	<b>70,981</b>	<b>58,826</b>	<b>57,229</b>	<b>54,916</b>	<b>55,812</b>	<b>74,900</b>	<b>72,296</b>	<b>59,152</b>	<b>60,590</b>	<b>775,550</b>
Bora Beans													
Bean Sprout													
Broccoli	7	5	5	114	68			42	75			37	354
Cabbage	4,445	3,699	6,578	11,049	9,960	596	4,370	5,075	8,258	1,360	2,536	2,401	60,327
Calaio	50	77	10	11			14	34	66	103	66	99	530
Carrot	289	748	1,717	1,830	716	943	456			8	17	291	7,015
Cauliflower													
Cherry Tomato		66			161	55	73	27	8		35	25	450
Chinese Cabbage	1,892	1,443	1,897	1,327	678	1,458	1,474	377	331	391	570	1,694	13,532
Christophene	3,773	2,802	2,039	3,003	757	11	0	35	227	595	278	691	14,211
Corn	36			25	43	7	20	0	139	86	7	70	433
Cucumber	8,327	11,001	11,260	9,912	7,446	9,003	18,200	19,931	4,945	1,131	5,093	14,568	120,817
Eggplant	465	376	838	419	957	167	654	715	1,024	532	138	1,280	7,565
Lettuce	2,455	2,990	4,115	3,022	1,157	2,181	1,680	1,831	764	153	71	1,932	22,351
Okra	13	15	129	207	283	366	491	1,867	2,486	1,293	1,020	585	8,755
Pepper - Hot		117	1,611	1,918	2,516	2,490	2,410	3,265	5,142	7,525	1,836	4,780	33,610
- Seasoning	126	43	393	430	204	225	1,293	1,361	1,541	1,605	974	485	8,880
- Sweet	171	95	566	894	1,403	2,439	4,717	1,310	1,807	259	346	268	14,275



Table VII - 2. Total Quantity (Kgs) of Selected Agricultural Produce Purchased by Selected Marketing Outlets - 1997

Produce	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total 1997
Pumpkin	1,373	2,433	4,541	7,424	4,045	2,124	1,201	1,805	7,852	9,611	3,048	3,021	48,478
Radish													
Salad Beans	176	653	3,041	1,122	371	428	2,387	3,186	1,622	265	164	1,967	15,382
Spinach	113	81	107	152	379	447	929	597	739	850	471	415	5,280
Squash		6	12	151	15	24	7	75	41	35	165	123	654
Tomato	9,464	10,800	12,003	18,166	6,337	5,555	3,584	2,330	5,566	1,066	84	1,030	75,985
Turnip	382	539	687	1,235	275	56		1					3,175
Watercress			130	53	25	21	17						248
Zucchini	51	119	2,444	105	3	31							2,753
<b>Total Vegetables</b>	<b>33,009</b>	<b>38,109</b>	<b>54,122</b>	<b>62,588</b>	<b>37,799</b>	<b>25,627</b>	<b>43,977</b>	<b>43,868</b>	<b>42,841</b>	<b>28,874</b>	<b>18,928</b>	<b>38,829</b>	<b>484,947</b>
Banana [Green]	5,385	3,966	3,027	3,011	3,103	4,352	4,742	8,771	5,973	6,543	8,196	6,101	63,170
Breadfruit	1,160	581	835	1,671	2,447	1,297	494	3,260	2,192	2,840	1,088	726	18,592
Breadnut	14		175	116	615	50			306	348	431	248	2,304
Cashew Nut	124	54	18	320	660	345	102		82	130			1,834
Coconut [Dry] (No)				414	162						94	265	935
Coffee	11	74	122	47	136	52	56	94	12		10	21	635
Macambou	6,279	6,701	7,296	7,051	6,935	6,530	3,719	2,275	3,474	3,452	3,411	2,073	59,196
Plantain	30,658	21,556	24,992	31,506	30,538	33,125	14,708	16,297	11,605	13,180	8,841	8,348	245,353
<b>Total Tree Crops</b>	<b>43,831</b>	<b>32,832</b>	<b>38,484</b>	<b>44,138</b>	<b>44,896</b>	<b>45,781</b>	<b>23,821</b>	<b>30,897</b>	<b>23,643</b>	<b>28,483</b>	<b>22,071</b>	<b>17,782</b>	<b>382,019</b>
Dasheen	18,011	17,027	19,186	24,167	20,938	16,703	13,469	6,490	7,518	13,711	13,812	11,874	182,906
Eddoes													
Sweet Potato	12,355	11,303	12,998	10,768	3,763	2,374	3,135	3,652	1,934	12,893	9,201	6,597	90,974
Tannia	2,048	2,463	1,892	1,550	1,467	1,881	1,268	453	435	212	337	258	14,264
Yams - Banja	7,733	6,166	4,506	2,261	2,665	3,073				15	3,050	6,236	35,708
- Cush Cush	701	2,047	2,633	789	251	26						61	6,508
- Oriental											55	0	55
- Portuguese	2,559	2,223	724	128	192	70	263	2,168	5,365	3,671	4,967	3,362	25,692
- Red	228	90	52	66		5				15	65	95	616
- White - (African)	3,343	4,232	270	381	312	395		420	649	1,091	2,124	4,105	17,322
- Yeilow	3,380	5,977	5,280	7,247	4,766	5,502	2,543	675	451	888	1,489	2,427	40,625
<b>Total Root Crops</b>	<b>50,368</b>	<b>31,328</b>	<b>47,841</b>	<b>47,387</b>	<b>34,355</b>	<b>30,029</b>	<b>20,878</b>	<b>13,898</b>	<b>16,363</b>	<b>32,407</b>	<b>38,100</b>	<b>94,940</b>	<b>414,889</b>
Basil			1				0	0	0	0	0	0	1
Celery	822	1,771	1,315	1,790	1,089	398	300	316	131	8	2	96	8,039
Chive	1,180	1,431	1,220	788	691	910	955	1,115	755	721	527	1,489	11,782
Cinnamon	94	364	520	144	270	296	280	228	162	119	226	209	2,912
Clove			20	17			27	40					104
Ginger	1,812	355	856	710	497	200	264	4	0	948	1,414	383	7,443
Leek	15		68	28	37	8	27	58	10	7	8	67	333
Nutmeg	4	19	2	64	78	49	32	65	19	0	8	78	419
Parsley	15	34	62	93	37	34	115	38	4	11	1	16	461
Thyme	1	5	3	14	15	35	26	48	54	12	1	12	227
<b>Total Condiments</b>	<b>3,843</b>	<b>3,979</b>	<b>4,047</b>	<b>3,881</b>	<b>2,731</b>	<b>1,930</b>	<b>2,027</b>	<b>1,913</b>	<b>1,128</b>	<b>1,819</b>	<b>2,179</b>	<b>2,283</b>	<b>31,719</b>
<b>Grand Total</b>	<b>218,183</b>	<b>194,787</b>	<b>198,173</b>	<b>228,885</b>	<b>178,307</b>	<b>183,886</b>	<b>148,418</b>	<b>148,148</b>	<b>188,861</b>	<b>188,979</b>	<b>138,430</b>	<b>151,384</b>	<b>2,078,906</b>

Table VII - 3. Prices (\$/C) of Selected Agricultural Produce Purchased by Selected Marketing Outlets - 1997

Produce	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
Apricot				1.32	1.32			1.32	1.32			
Avocado	2.20	1.54	4.40			2.66	2.60	1.36	0.97	1.06	2.05	2.27
Banana [ripe]	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.88	0.86
Cantaloupe	2.20		3.34	2.27	4.03	2.57	2.38	2.31	2.46	2.60	2.77	
Carambola	1.12	1.08	1.23	1.65	2.05	1.96	1.96	0.66	0.48	0.62	1.63	1.43
Golden Apple	0.53					1.10	0.88	0.75	0.35	0.37	0.33	0.40
Grapefruit	0.31	0.35	0.37	0.51	0.66	0.88	1.03	1.91	0.97	0.68	0.48	0.33
Guava	1.10			1.10	0.88	2.40	3.30	1.10	1.65	1.21	1.25	1.10
Lemon	0.44	0.55	0.62	1.01	1.01	1.06		1.10	1.10	0.95	0.95	0.44
Lime	2.11	4.47	6.31	6.49	3.96	2.60		0.95	0.84	0.81	0.57	1.17
Loveapple	2.20			2.20				2.20				
Mandarine	0.75	0.66							0.66	0.66	0.68	0.55
Mango - Graham				1.12	0.90	0.90	0.73	0.31	0.44	0.88		
- Julie			1.32	1.14	1.08	1.23	1.23	1.21	1.06	1.32		
- Others			0.88	0.77	0.88	0.77	0.48	0.55	0.90	0.88		
Orange - sour			0.33	0.66	0.66	0.62	0.55	0.66	0.66	0.66	0.62	0.44
- sweet	0.79	1.10	1.56	1.91	1.65	2.29	2.42	2.13	1.21	0.81	0.73	0.84
Ortanique	0.95	0.97	0.66								1.08	0.90
Passion Fruit	2.24	2.75		2.93	3.01	3.10	3.30	3.30	3.01	3.23	3.10	2.16
Paw Paw	1.65	1.74	1.65	1.65	1.65	1.63	1.56	1.45	1.61	1.61	1.63	1.41
Pineapple	3.06	3.85	2.64	2.64	3.30	3.54	3.17	3.06	3.01	3.85	2.66	4.36
Plum									2.90	1.65	1.65	
Sapodilla		2.68	4.40	4.40	4.40	2.20		4.40			2.20	
Shaddock	0.22	0.22	0.22									0.22
Sorrel	9.94	6.34										8.21
Sour Sop	0.99	0.84	0.86	0.86	0.88	0.88	0.95	0.88	0.88	0.90	0.90	0.90
Sugar Apple								3.30	3.30	3.30	3.30	3.30
Tamarind												
Tangerine	0.95	0.77	0.97	1.21		1.10	0.00	1.10	0.66	0.70	1.10	0.86
Watermelon	2.20	2.20	2.20	2.24	2.49	2.57	2.97	2.62	1.87	1.86	2.89	
Waxapple				2.20		1.69	1.98	0.77				
Broccoli	6.60	6.60	6.60	8.80	8.80			8.80	8.80			8.80
Cabbage - White	4.25	4.27	3.32	3.43	2.86	3.45	5.54	3.65	3.26	3.56	4.22	4.88
Calaloo	6.09	6.56	6.05	10.05				5.57	6.12	5.94	6.25	6.05
Carrot	3.76	3.30	2.97	3.01	2.66	2.71	2.77			2.40	2.90	3.19
Cauliflower			6.60	7.88								
Cherry Tomato		5.50			5.50	7.57	8.80	8.80	8.80		8.80	8.80
Chinese Cabbage	1.30	1.41	1.17	1.12	3.10	2.77	1.56	1.67	2.24	2.90	3.15	2.13
Christophene	2.62	2.44	2.57	2.62	3.06	3.30		2.75	3.87	4.27	4.05	4.25
Corn	3.85			2.75	3.15	3.30	3.30		3.06	3.30	3.30	3.30
Cucumber	1.94	1.83	1.28	1.52	2.42	2.71	1.12	0.66	0.55	2.73	2.53	0.86
Eggplant	1.96	2.20	1.91	1.61	1.50	1.72			1.74	1.80	1.94	1.50

Continued Overleaf

Table VII - 3. Prices (\$/C) of Selected Agricultural Produce Purchased by Selected Marketing Outlets - 1997

Produce	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
Lettuce	4.11	3.52	1.67	1.91	5.17	5.54	4.73	4.40	4.38	5.83	6.18	5.15
Okra	1.85	4.40	3.72	4.40	3.76	4.18	4.25	3.37	1.25	1.63	2.07	3.30
Pepper - Hot		2.20	2.73	2.75	2.71	2.73	2.35	2.20	2.20	2.20	2.20	2.20
- Seasoning	5.39	6.20	6.60	6.01	6.53	6.20	4.55	2.16	2.33	3.21	4.18	4.62
- Sweet	7.02	6.16	5.74	5.92	4.69	4.40	2.93	1.83	2.51	3.54	2.62	5.02
Pumpkin	2.60	2.60	2.49	2.11	1.65	2.20	3.12	3.52	2.20	1.52	1.12	1.78
Radish						2.20						
Salad Beans	5.08	5.26	3.87	2.11	4.44	5.13	4.42	1.34	1.52	4.11	5.17	5.24
Spinach	3.74	3.81	3.92	3.76	3.78	3.76	3.76	3.67	3.61	3.70	3.56	3.56
Squash		2.20	4.20	3.72	2.20	4.22	2.20	3.39	2.20	2.20	1.89	1.10
Tomato	3.52	3.43	3.01	2.31	2.29	5.52	4.88	5.52	4.44	4.93	5.13	6.03
Turnip	2.09	1.76	1.65	1.25	0.77	1.10		1.10				
Zucchini	2.75	2.75	1.91	2.20	2.20	0.22						
Watercress			3.12	3.56	3.30	5.46	3.30					
Banana [Green]	0.22	0.22	0.22	0.22	0.22	0.22	0.31	0.22	0.22	0.22	0.22	0.22
Breadfruit	0.88	1.08	1.25	1.17	0.90	0.88	1.21	0.53	0.40	0.57	0.86	1.39
Breadnut	1.10		0.77	0.77	1.25	0.35			0.88	0.75	0.81	0.75
Cashew Nut	3.30	3.10	2.75	3.10	2.31	2.51	2.57		2.75	3.30		
Coconut [Dry] (No)			0.25	0.25	0.40	0.40	0.40	0.40	0.40	0.40	0.34	0.29
Coffee	13.20	12.10	12.98	10.19	11.00	11.00	11.00	10.16	11.00		11.00	8.14
Macambou	0.51	0.48	0.44	0.44	0.42	0.33	0.35	0.44	0.44	0.44	0.44	0.44
Plantain	0.57	0.53	0.88	0.79	0.64	0.66	0.90	1.01	1.06	1.12	1.10	1.08
Dasheen	1.41	1.21	1.28	1.32	1.30	1.83	2.38	2.71	2.75	2.40	2.07	1.72
Sweet Potato	1.43	1.41	1.52	1.58	2.31	2.71	2.75	2.68	2.75	2.75	2.09	1.54
Tannia	3.41	3.01	2.20	2.27	3.08	3.19	3.30	3.17	3.30	3.26	3.30	3.48
Yams - Banja	1.23	1.12	1.54	1.43	1.80	1.65				2.20	1.91	1.54
- Cush Cush	4.66	4.58	4.40	4.31	4.40	4.40						5.21
- Oriental											3.30	
- Portuguese	2.31	2.53	2.07	2.13	2.71	3.34	3.85	4.09	3.98	3.45	2.86	2.49
- Red	2.24	2.20	2.20	2.20		2.20				2.20	2.20	2.20
- White	2.79	3.01	3.15	1.83	4.71	1.98		3.30	3.43	3.34	3.08	2.49
- Yellow	4.22	4.27	0.00	3.26	3.48	4.03	4.60	4.64	4.44	4.69	4.53	4.60
Celery	9.66	6.62	3.41	3.10	5.52	7.63	9.66	9.79	9.90	9.90	9.90	10.91
Chive	8.51	6.84	5.02	5.08	8.14	7.08	7.28	6.80	6.18	6.58	7.19	5.74
Cinnamon	23.54	23.85	18.28	16.43	16.06	17.29	17.23	16.37	17.56	17.60	17.60	17.56
Clove				44.00	44.00		42.68	43.10				
Ginger	2.86	2.20	2.31	2.24	3.61	4.27	4.71	4.40		5.70	4.71	2.27
Leek	6.60		3.28	5.08	7.13	6.60	7.24	6.45	4.40	6.60	6.60	5.06
Nutmeg	13.20	13.20	8.25	12.83	11.07	12.56	10.43	12.14	13.20		9.90	13.02
Parsley	11.00	10.85	10.65	10.63	10.34	9.66	9.99	10.56	9.90	8.80		14.39
Thyme	31.42	31.39	31.44	20.75	16.19	20.46	22.84	17.31	16.68	20.15	31.42	24.77

Source : Leading Supermarkets and the St. Lucia Marketing Board

## THE LIVESTOCK SECTOR

The Livestock sector showed favorable performance both in terms of milk and egg production. Milk production recorded an increase of 27% for 1997. The production level for 1997 was the highest recorded for the five-year review period. The first quarter of 1997 recorded the highest production level that is 93,072 liters or 28% of total production.

Data for estimated livestock slaughtered for 1997 was unavailable.

Poultry imports increased by 3% in 1997. However, the values of poultry imports declined by 13%. Necks, backs and wings accounted for the bulk of poultry imports, that is 52%. Other chicken parts accounted for 47%, while whole poultry accounted for only 1% of total poultry imports. Meanwhile, the volume of whole poultry import declined by 55% from last year's amount.

Egg production at the local level was indeed quite impressive recording an 8% increase in comparison to the previous year. The average laying stock increased by 2%. Eggs imports for 1997 were nil. This indicated that the island is becoming self-sufficient in egg production.

The volumes of milk imported to the island continue to increase. In 1997, the quantity of milk imports increased by 12%.

The quantities of beef imported to St. Lucia continue to be low. The quantity of beef imports for 1997 were the same as 1996 quantities. However, the value of beef imports increased by 5%. Imports of mutton of sheep and mutton of goats recorded a decline of 49% and 30% respectively. Meanwhile pork imports showed just the opposite trend, in that it increased by 31%.

The second quarter of 1997 recorded the largest volumes of imports of selected livestock's products, that is 37%. The volume of milk and cheese imports increased by 12% and 10% respectively. However, the volume of butter/butter fat decreased by 13%.

**Table VIII - 1. Milk Production**

Period	Quantity Litres	Value E.C.\$
1993	230,009	617,766
1994	241,401	712,130
1995	269,810	795,940
1996	263,157	776,313
1997 1st Quarter	93,072	241,580
2nd Quarter	90,960	236,099
3rd Quarter	75,067	194,845
4th Quarter	74,619	193,704
<b>Total 1997</b>	<b>333,718</b>	<b>866,228</b>

Source: Livestock Development Project, Beausejour, Vieux Fort

**Table VIII - 2. Estimated livestock Slaughtered by Type of Stock**

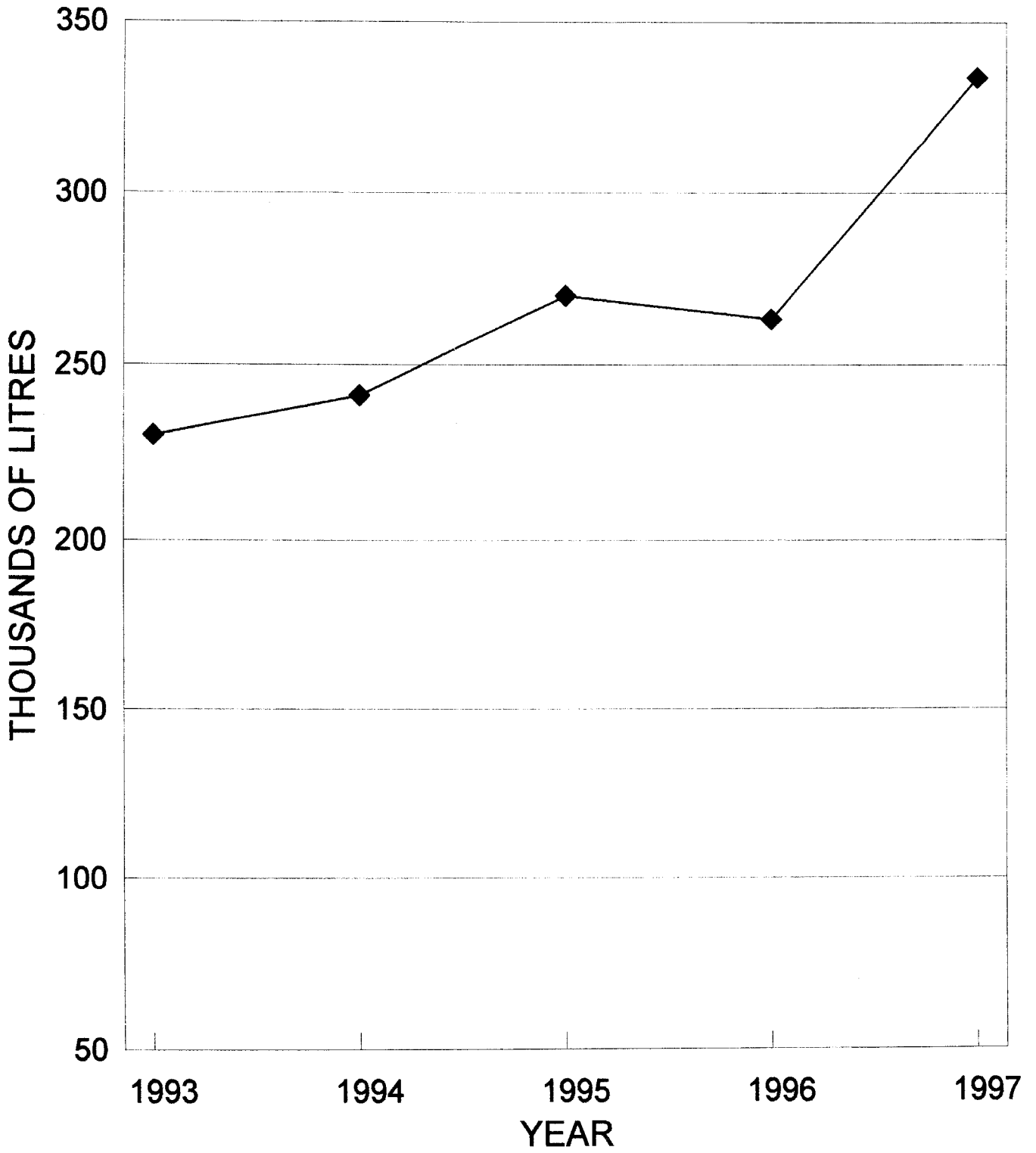
Stock Type	NUMBER OF HEADS				
	1993	1994	1995	1996	1997
CATTLE *	1,251	701	835	493	N.A
SHEEP/GOAT *	297	326	393	157	N.A
PIGS *	1,692	1,379	1,442	760	N.A
POULTRY	N.A	N.A	N.A	N.A	N.A

Source : Ministry of Health & STAFCO

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

FIG VIII- 1

**MILK PRODUCTION**



**Table VIII - 3. Table Egg Production and Imports**

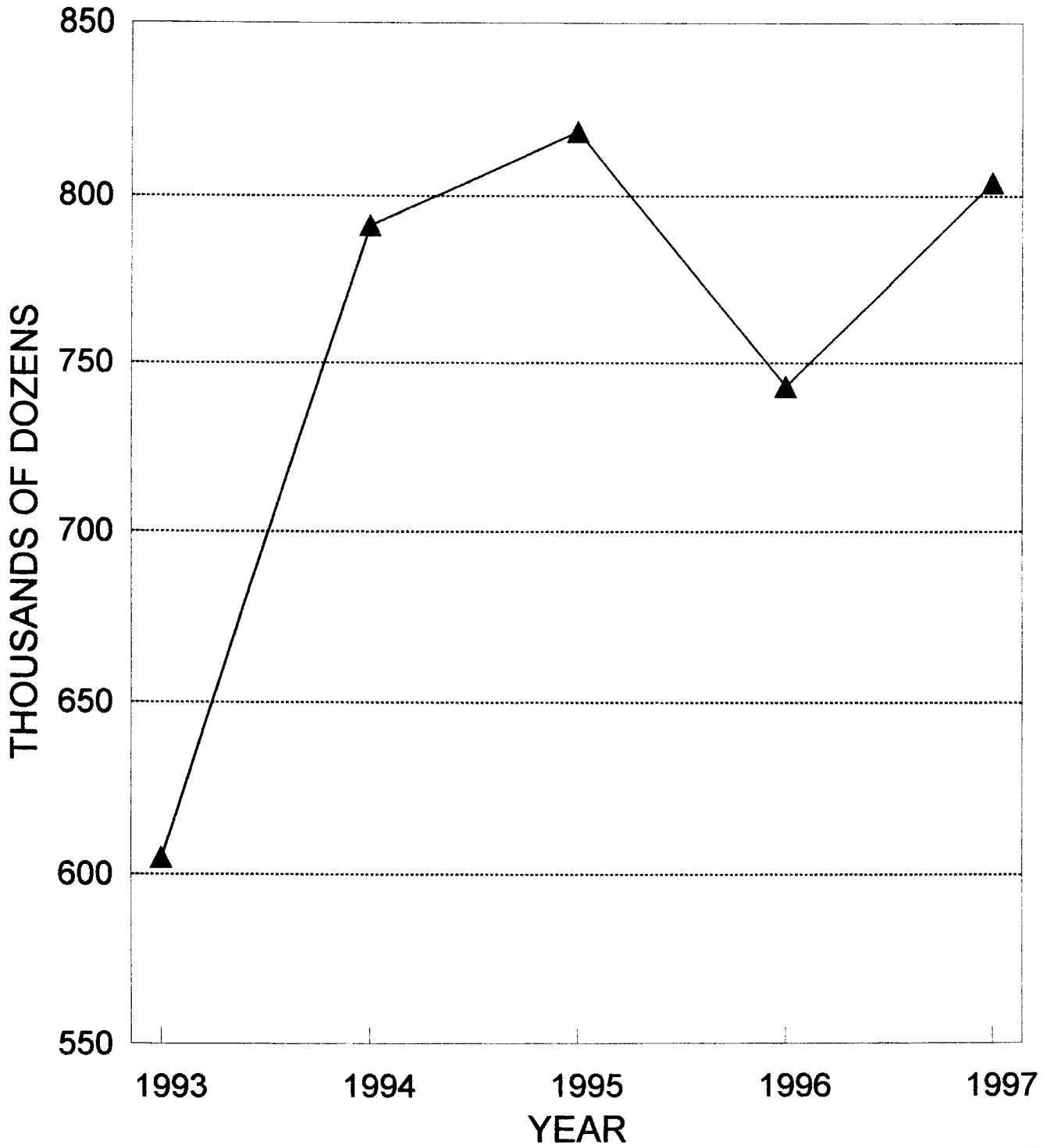
Period	Average Laying Stock on Farm 000 Hens	Local Production		Imports		Available Supply 1/	
		Quantity 000 Dozen Eggs	Producer Value \$'000	Quantity 000 Dozen Eggs	Value \$'000	Quantity 000 Dozen Eggs	Value \$'000
1993	39	605	3,027	1	10	606	3,037
1994	48	791	4,746	18	84	809	4,830
1995	46	819	3,419	-	-	819	3,419
1996	46	743	3,715	1	12	744	3,727
1997 1st Quarter	49	203	1,269	-	-	203	1,269
2nd Quarter	46	194	1,213	-	-	194	1,213
3rd Quarter	44	190	1,187	-	-	190	1,187
4th Quarter	49	217	1,356	-	-	217	1,356
<b>Total 1997</b>	<b>47</b>	<b>804</b>	<b>5,025</b>	<b>-</b>	<b>-</b>	<b>804</b>	<b>5,025</b>

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

1/ - Available Supply equals production plus imports

FIG VIII-1

# TABLE EGG PRODUCTION





**Table VIII - 4. Imports of Poultry by Type, Quantity and Value**

Period	POULTRY							
	Total		Whole		Necks, Backs, Wings		Other Parts	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1993	6,954	24,968	304	1,450	2,934	7,450	3,716	16,068
1994	7,721	27,978	369	1,527	3,326	9,633	4,026	16,818
1995	7,701	29,080	495	2,160	3,779	10,888	3,427	16,032
1996	7,678	31,834	290	1,552	3,837	10,985	3,551	19,297
1997 1st Quarter	1,956	7,078	48	278	900	2,488	1,008	4,312
2nd Quarter	1,937	6,808	31	175	1,006	2,798	900	3,835
3rd Quarter	1,915	6,443	9	77	990	2,892	916	3,474
4th Quarter	2,077	7,267	42	316	1,177	3,237	858	3,714
<b>Total 1997</b>	<b>7,885</b>	<b>27,596</b>	<b>130</b>	<b>846</b>	<b>4,073</b>	<b>11,415</b>	<b>3,682</b>	<b>15,335</b>

Source : Foreign Trade Report

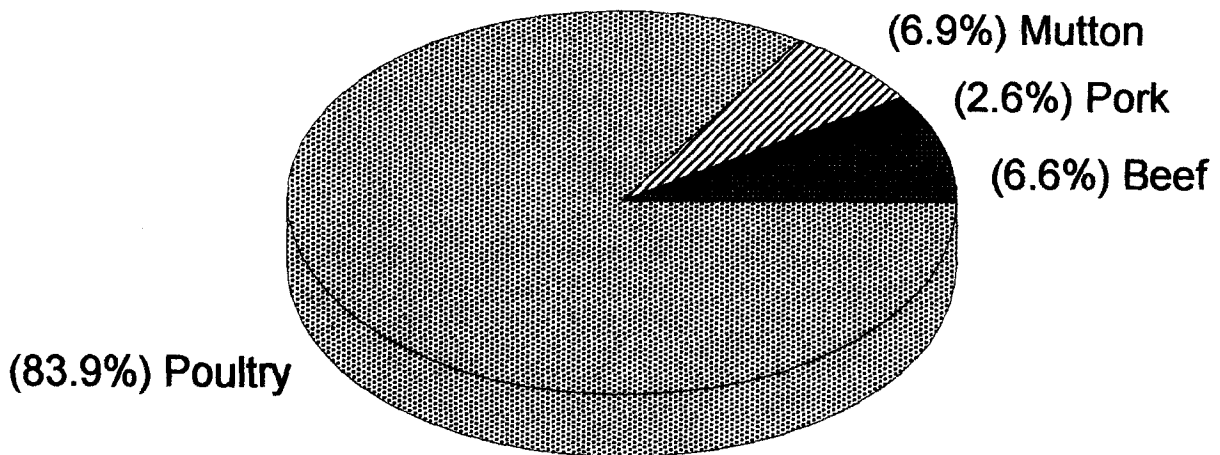
1/ - Frozen and/or Chilled

**Table VIII - 5. 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
1993	887	7,536	170	1,354	315	2,022	197	1,172
1994	1,231	7,960	217	1,852	367	2,381	187	1,134
1995	702	7,731	222	1,972	478	2,888	106	669
1996	625	6,096	185	1,541	1,172	3,327	77	538
1997 1st Quarter	142	1,430	56	361	141	902	14	118
2nd Quarter	153	1,765	40	412	164	1,025	14	100
3rd Quarter	119	1,233	61	500	131	874	13	115
4th Quarter	211	1,981	86	634	156	737	13	92
<b>Total 1997</b>	<b>625</b>	<b>6,409</b>	<b>243</b>	<b>1,907</b>	<b>592</b>	<b>3,538</b>	<b>54</b>	<b>425</b>

Fig. VIII- 3

# IMPORTS OF MEATS - 1997 QUANTITY (TONNES)

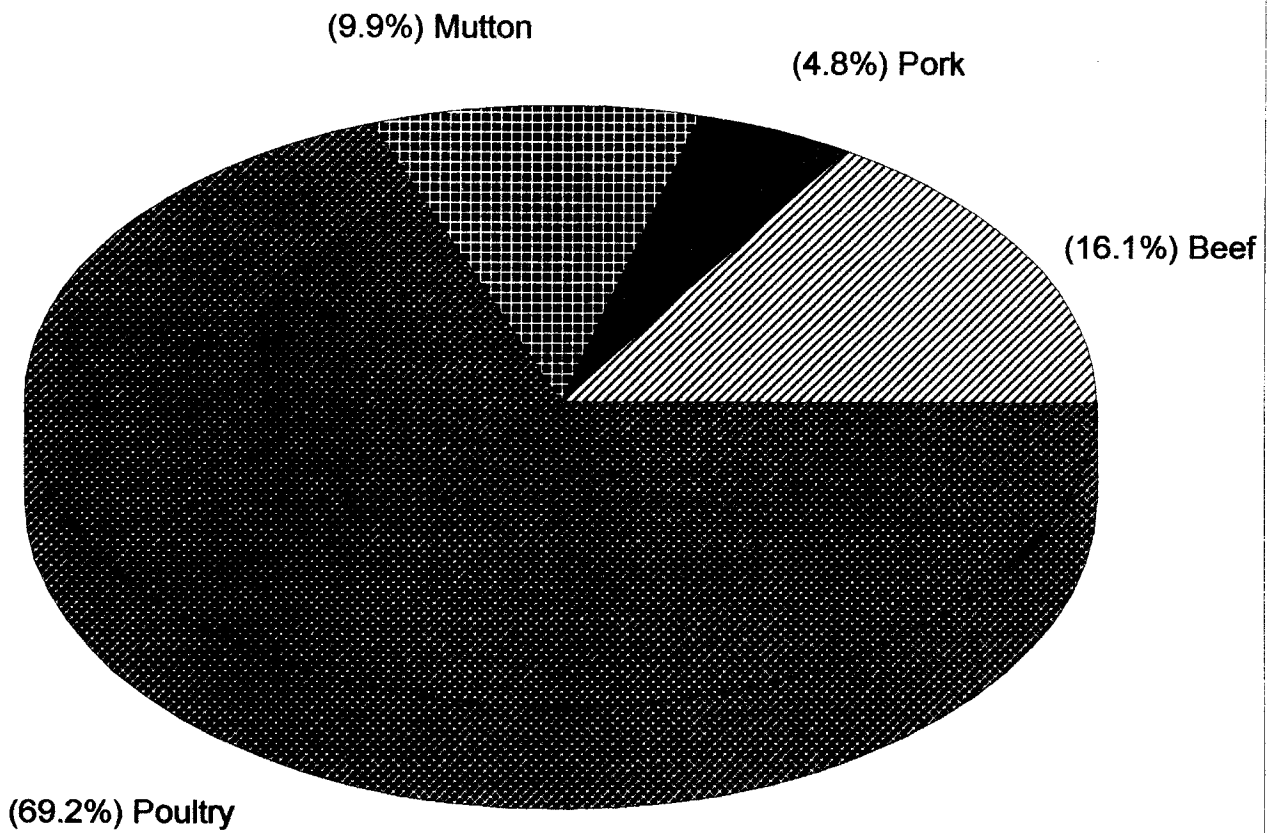


**Mutton here includes both Sheep and Goat**

Fig. VIII- 4

# IMPORTS OF MEATS- 1997

VALUE (\$MILLIONS)



Mutton here includes both Sheep and Goat

**Table VIII - 6. Imports of Selected Livestock Products**

Period	Milk		Cheese		Butter/Butterfat	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1993	2,733	12,141	527	4,586	361	2,017
1994	3,486	12,712	607	5,833	347	1,781
1995	3,199	15,419	604	5,557	255	1,979
1996	2,855	14,446	627	6,064	228	1,790
1997 1st Quarter	624	3,417	135	1,401	43	334
2nd Quarter	1,122	4,426	344	1,955	82	605
3rd Quarter	512	2,630	117	1,278	45	289
4th Quarter	928	4,423	135	1,686	29	224
<b>Total 1997</b>	<b>3,186</b>	<b>14,896</b>	<b>731</b>	<b>6,320</b>	<b>199</b>	<b>1,452</b>

Source : Foreign Trade Report

## TRADE IN OTHER AGRICULTURAL COMMODITIES

St. Lucia has become a net importer of food. The island recorded its highest negative trade balance of food of almost \$100 million. A major factor contributing to this phenomena is the decline in agricultural exports in particular banana exports.

In 1997, food imports accounted for 22% of total imports valued at \$196 million. The value of food imports increased by \$15 million or 8% more than 1996.

Meat and meat preparations accounted for 25% of total food imports. Imports of meat and meat preparation were valued at \$49 million declining by \$4 million from 1996 values. Cereal and cereal preparation accounted for 22% of total food imports valued at \$44 million. This value represents a 7% increase over 1996's values.

Imports of selected agricultural produce totaled 7132 tonnes valued at \$17 million. Imports volume increased by 353 tonnes or 5%, while the value increased by almost \$12 million or 11%. The fourth quarter of 1997 accounted for the bulk of selected produce imported to the island that is 27%.

Imports of vegetables and fruits increased by 34% relative to 1996's vegetables and fruits imports. Rice, irish potato and onion continue to be imported in large quantities. In 1997 rice, irish potato, and onions accounted for 39%, 20% and 14% respectively of selected vegetables imports.

Food exports accounted for 63% of total domestic exports. Exports earnings from food for 1997 declined by 33% from 1996.

Exports of banana to the non traditional markets declined further by 61 tonnes from the 1996 level. Exports of the non traditional produce declined by 39 tonnes. Popular export crops such as avocado, breadfruit and plantain declined substantially thus impacting negatively

on the export level of non banana produce. The aforementioned crops decline by 71%, 8%, and 54% respectively.

Meanwhile, mango exports showed a remarkable improvement over the past two years. Mango exports increased by 74% over the 1996 export volumes.

**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)	
1993	285,793	162,015	57	810,067	164,646	20	(2,631)
1994	225,078	133,186	59	816,748	173,166	21	(39,980)
1995	253,161	155,952	62	824,307	188,639	23	(32,687)
1996	208,344	145,700	69	820,249	180,879	22	(35,179)
1997 1st Quarter	44,646	29,520	66	199,382	48,641	24	(19,121)
2nd Quarter	39,224	25,244	64	223,656	49,993	22	(24,749)
3rd Quarter	29,167	15,812	54	242,856	44,796	18	(28,984)
4th Quarter	39,918	26,353	66	230,970	52,758	23	(26,405)
<b>Total 1997</b>	<b>152,955</b>	<b>96,929</b>	<b>63</b>	<b>896,864</b>	<b>196,188</b>	<b>22</b>	<b>(99,259)</b>

Source : Foreign Trade Report



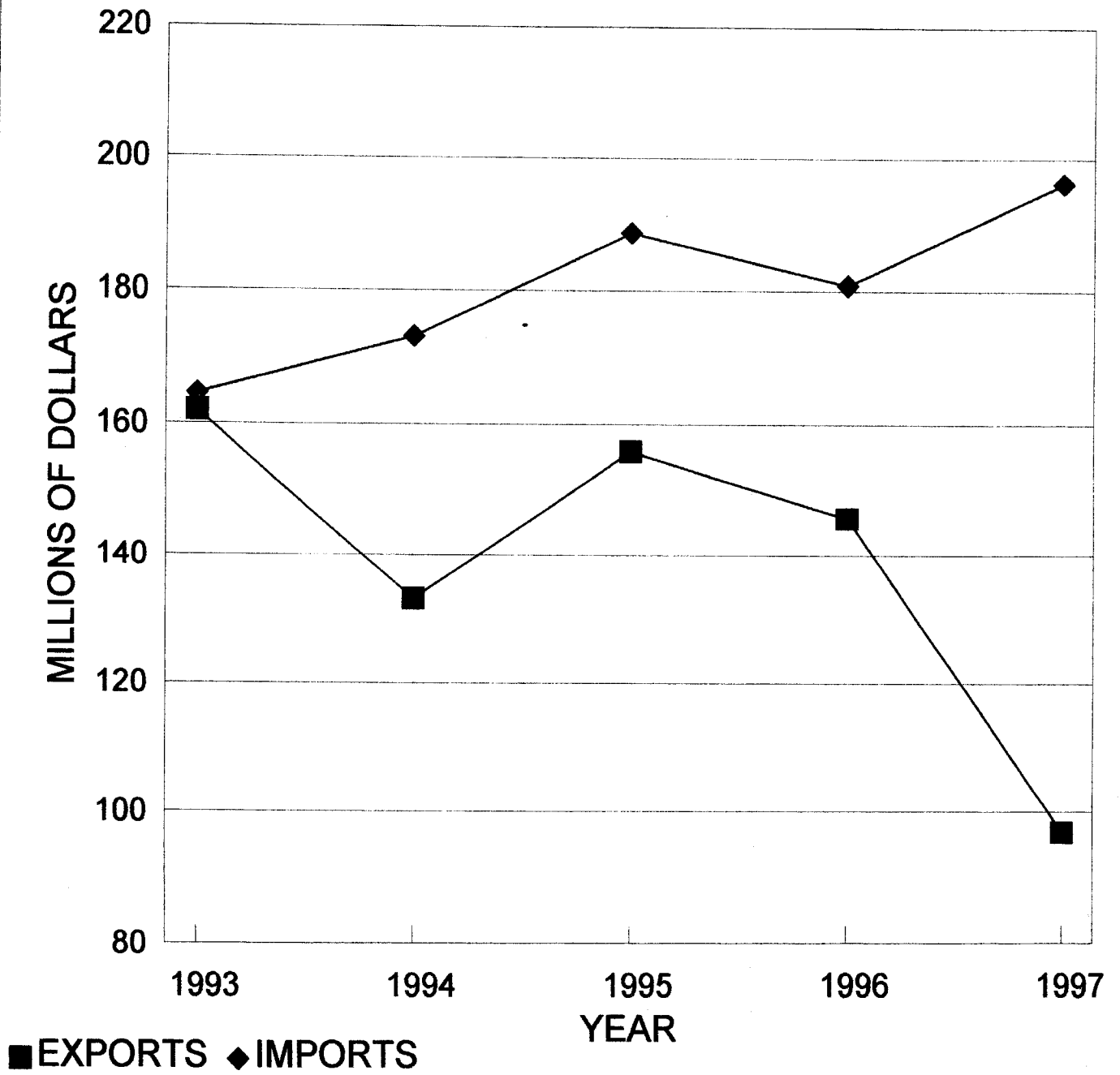
**Table IX - 2. Composition of Food Import**

Item	1993		1994		1995		1996		1997	
	\$'000	%	\$'000	%	\$'000	%	\$'000	%	\$'000	%
Live Animals	283	...	286	...	213	...	410	...	404	...
Meat & Meat Preparations	47,382	24	51,162	26	52,073	27	52,545	27	49,108	25
Dairy Products & Eggs	19,335	10	21,399	11	23,027	12	23,592	12	23,838	12
Fish & Fish Preparation	8,843	5	10,721	5	11,719	6	11,670	6	11,383	6
Cereal & Cereal Preparation	31,906	16	32,221	16	36,747	19	29,293	15	43,772	22
Vegetables and Fruits	24,558	13	25,597	13	26,052	13	21,861	11	26,836	14
Sugar Preparation & Honey	8,294	4	8,590	4	11,921	6	7,146	4	12,819	7
Coffee, Tea, Cocoa & Spices	4,539	2	4,717	2	5,180	3	3,952	2	5,248	3
Feeding Stuff for Animals	3,610	2	3,450	2	4,255	2	3,926	2	4,902	2
Miscellaneous Food Preparation	15,896	8	14,758	8	16,528	8	17,542	9	17,876	9
<b>Total</b>	<b>164,646</b>	<b>100</b>	<b>172,901</b>	<b>100</b>	<b>187,715</b>	<b>100</b>	<b>171,937</b>	<b>100</b>	<b>196,186</b>	<b>100</b>

Source : Foreign Trade Report

FIG IX- 1

# FOOD IMPORTS & EXPORTS



**Table IX - 3. Comparison of Exports of Selected Agricultural Produce 1993 - 1997**

Produce	1993		1994		1995		1996		1997	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Avocado	52	104	49	111	48	128	128	301	37	81
Grapefruit	20	51	21	19	23	61	1	1	1	2
Mango	513	554	735	1,072	379	626	263	389	457	558
Pineapple	185	457	158	433	58	169	31	92	13	25
Sweet Orange	1	2	1	2	3	7	1	3	...	1
Breadfruit	889	900	751	1,083	762	989	694	864	637	866
Plantain	135	184	38	50	85	131	153	242	71	102
Aroids 1/	5	11	4	11	4	15	...	3	6	21
Sweet Potato	2	5	1	2	5	18	6	13	10	21
Yam	...	1	...	2	2	10	1	8	1	4
Pumpkin	...	...	...	1	2	5	1	1	7	7
<b>Sub Total 2/</b>	<b>1,802</b>	<b>2,269</b>	<b>1,758</b>	<b>2,786</b>	<b>1,372</b>	<b>2,159</b>	<b>1,279</b>	<b>1,917</b>	<b>1,240</b>	<b>1,688</b>
Banana 3/	2,331	2,713	655	547	1,234	930	93	72	32	28
<b>Total</b>	<b>4,133</b>	<b>4,982</b>	<b>2,413</b>	<b>3,333</b>	<b>2,606</b>	<b>3,089</b>	<b>1,372</b>	<b>1,989</b>	<b>1,272</b>	<b>1,716</b>

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

**Table IX - 4. Comparison of Exports of Selected Agricultural Produce**

Produce	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1997	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Avocado	...	1	...	1	23	52	14	27	37	81
Grapefruit	...	1	1	1	-	-	-	-	1	2
Mango	3	5	183	242	270	310	1	1	457	558
Pineapple	3	8	-	-	3	12	7	5	13	25
Sweet Orange	...	1	...	...	...	...	...	...	...	1
Breadfruit	27	40	197	306	212	253	201	267	637	866
Plantain	9	13	46	64	7	9	9	16	71	102
Aroids 1/	...	2	1	2	...	1	5	16	6	21
Sweet Potato	...	1	2	4	2	4	6	12	10	21
Yam	1	3	...	1	-	-	...	...	1	4
Pumpkin	1	1	1	1	1	1	4	4	7	7
<b>Sub Total 2/</b>	<b>44</b>	<b>76</b>	<b>431</b>	<b>622</b>	<b>518</b>	<b>642</b>	<b>247</b>	<b>348</b>	<b>1,240</b>	<b>1,688</b>
Banana 3/	1	3	2	2	17	14	12	9	32	28
<b>Total</b>	<b>45</b>	<b>79</b>	<b>433</b>	<b>624</b>	<b>535</b>	<b>656</b>	<b>259</b>	<b>357</b>	<b>1,272</b>	<b>1,716</b>

Source : Foreign Trade Report

1 - Aroids here are dasheen, tannia and eddoes.

2 - Total amount of selected non-traditional crops exported.

3 - Exports to other territories excluding the United Kingdom

**Table IX -5. Imports of Selected Agricultural Produce by Quantity and Value - 1997**

Produce	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Total 1997	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Rice	731	1,587	781	1,803	755	1,706	544	2,444	2,811	7,540
Irish Potato	327	404	338	374	279	400	460	520	1,404	1,698
Carrot	52	120	32	123	48	171	55	126	187	540
Cabbage	31	81	13	36	44	95	38	89	126	301
Lettuce	11	54	9	33	10	47	14	70	43	204
Tomato	8	58	3	16	17	79	17	118	45	271
Sweet Pepper	11	78	7	53	4	36	9	62	31	229
Garlic	29	160	33	222	56	324	37	208	155	914
Onion	231	292	216	271	233	371	331	672	1,011	1,606
Black Eye Peas	20	63	21	75	23	62	70	81	134	281
Pigeon Peas	...	1	5	18	4	17		3	9	39
Red Kidney Beans	34	125	46	158	33	110	70	115	183	508
Other Legumes	161	449	115	258	154	403	229	412	659	1,522
Apples	56	181	74	227	61	189	65	282	256	879
Grapes	18	135	21	163	20	136	19	142	78	576
<b>Total 1997</b>	<b>1,720</b>	<b>3,788</b>	<b>1,714</b>	<b>3,830</b>	<b>1,741</b>	<b>4,146</b>	<b>1,958</b>	<b>5,344</b>	<b>7,132</b>	<b>17,108</b>

Source : Foreign Trade Report

**Table IX-6. Comparison of Imports of Selected Agricultural Produce by Quantity and Value - 1993 - 1997**

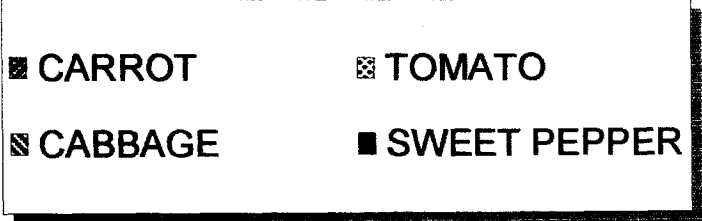
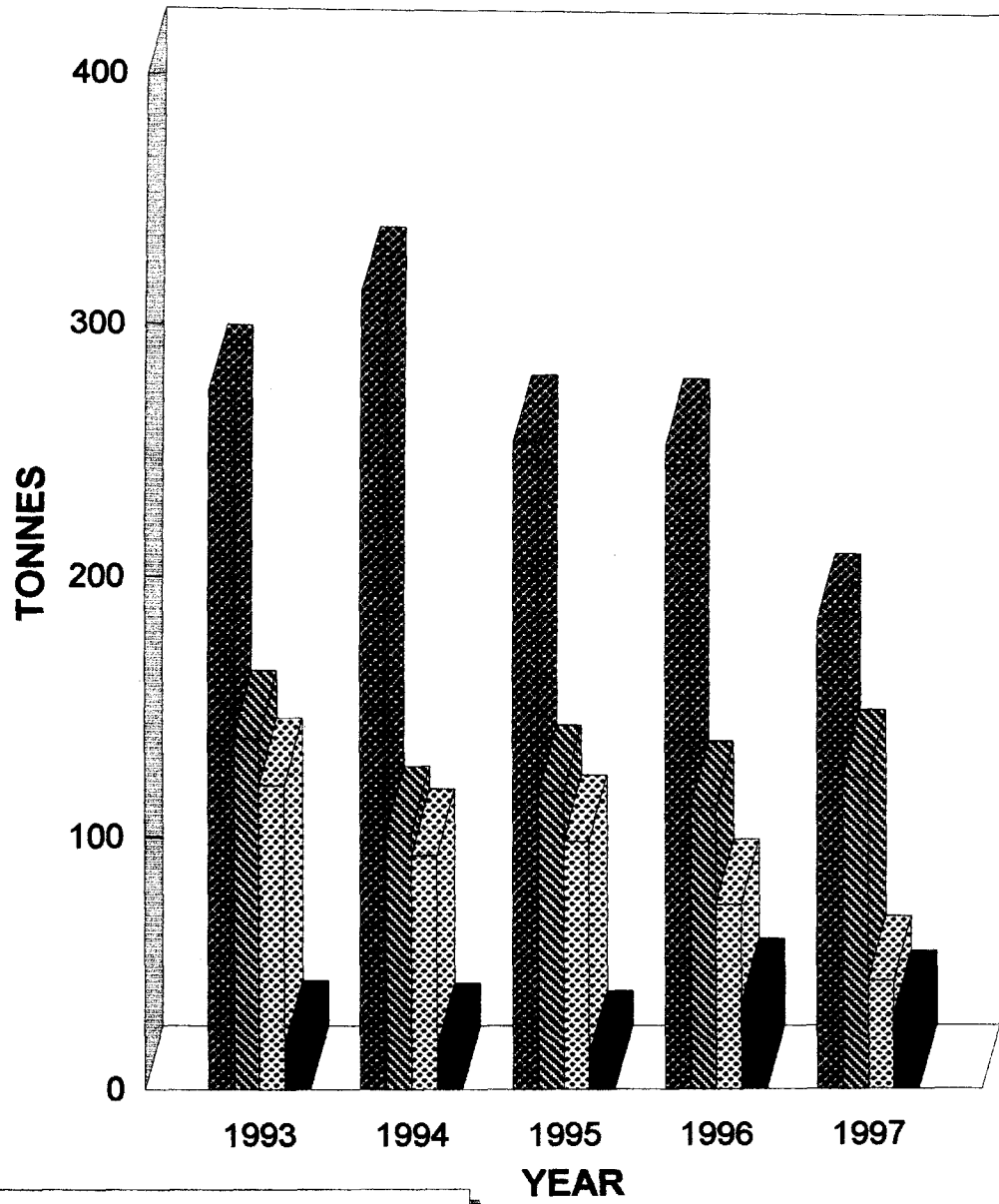
Produce	1993		1994		1995		1996		1997	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
Rice	2,036	4,309	2,740	4,995	3,089	5,635	2,759	5,334	2,811	7,540
Irish Potato	1,337	1,662	1,396	2,090	1,924	2,731	1,312	1,930	1,404	1,698
Carrot	274	709	314	538	255	724	254	566	187	540
Cabbage	138	249	102	204	118	242	112	235	126	301
Lettuce	31	103	41	160	56	214	56	199	43	204
Tomato	120	607	93	432	99	507	74	364	45	271
Sweet Pepper	18	83	17	120	18	118	35	246	31	229
Garlic	109	661	123	1,039	131	841	133	797	155	914
Onion	830	1,154	843	1,390	866	1,520	928	1,251	1,011	1,606
Black Eye Peas	83	231	65	222	69	201	64	208	134	281
Pigeon Peas	9	39	25	97	11	41	9	39	9	39
Red Kidney Beans	167	521	181	480	109	309	160	335	183	508
Other Legumes	618	1,422	638	1,491	743	1,288	575	1,311	659	1,522
Apples	281	716	286	754	189	633	232	664	256	879
Grapes	96	527	59	455	48	422	76	478	78	576
<b>Total</b>	<b>6,147</b>	<b>12,993</b>	<b>6,923</b>	<b>14,467</b>	<b>7,725</b>	<b>15,426</b>	<b>6,779</b>	<b>13,957</b>	<b>7,132</b>	<b>17,108</b>

Source : Foreign Trade Report

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FIG.IX- 2

### IMPORTS OF SELECTED VEGETABLES



## THE FISHING INDUSTRY

The fishing industry continues to expand in terms of volume of fish landed. Volumes at major landing sites across the island increased. Table X-1. shows that 1311 tonnes or 10% increase of fish were landed in 1997. This amount compares with 1196 tonnes landed in 1996. The landing sites at Dennery and Vieux Fort continue to record large volume of fish landed.

In 1997, Dennery and Vieux Fort landed 255 and 511 tonnes of fish respectively. Some 57% more fish were landed at the Vieux Fort site in 1997, as compared to the previous year. In fact, the landing site at Vieux Fort recorded the highest volume of fish for 1997.

The Soufriere landing site recorded a 98% increase in landings in 1997. This is quite an improvement over last year performance. However the amount of fish caught at the Soufriere landing site in 1997, has not matched the previous production levels of 1993, 1994, and 1995.

The volume of fish purchased by the Fish Market Corporation represents 15% of total fish landed. The increase in fish purchased by the Fish Market Corporation is quite an improvement over what existed previously.

For the second consecutive year, Dolphin accounted for 35% of total volume of fish landed at the various landing sites. An increase of 42% of Dolphin was landed in 1997. The quantity of King fish landed has improved over what obtained in 1993 and 1995. However, there was a 7% decline recorded in 1997. Shark/Black are the least popular fish. This fish continues to decline in volume caught.

Fish imports declined by 24% in 1997. It is expected that the decline in fish imports will continue in the ensuing years, as the country's fishing sector becomes more self-sufficient.



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

Landing Sites	TONNES				
	1993	1994	1995	1996	1997
Gros Islet	69	43	54	99	105
Castries	54	63	66	91	46
Anse la Raye	46	22	20	17	19
Canaries	46	18	81	85	
Soufriere	176	124	136	48	95
Choiseul	89	108	125	145	
Laborie	54	32	42	34	
Vieux - Fort 1/	280	257	154	325	511
Micoud	54	48	60	55	50
Praslin	29				29
Dennerly	217	168	245	285	255
Fisheries 2/				12	201
<b>Total</b>	<b>1,114</b>	<b>883</b>	<b>983</b>	<b>1,196</b>	<b>1,311</b>

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

2/ - This does not represent a specific district, but fish landed at and purchased by the Fish Marketing Co-operation in the district of Castries.

**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	Others	
1993	321	207	141	89	8	348	<b>1,114</b>
1994	300	142	6	47	6	382	<b>883</b>
1995	300	200	20	50	6	407	<b>983</b>
1996	229	319	235	36	10	367	<b>1,196</b>
1997	247	455	224	33	3	349	<b>1,311</b>

Source: Fisheries Management Unit - Ministry of Agriculture

**Table X - 3. Imports of Fish by Type, Quantity and Value (1993- 1997)**

Period	Total		Fresh & Chilled		Canned		Other	
	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000	Tonnes	\$'000
1993	831	7,039	34	501	430	3,198	367	3,340
1994	876	8,126	36	452	512	4,088	328	3,586
1995	863	8,907	63	993	515	4,295	285	3,619
1996	1,343	9,930	59	947	694	5,951	590	3,032
1997 1st Quarter	247	2,215	24	338	125	761	98	1,116
2nd Quarter	224	2,100	14	150	138	1,087	72	863
3rd Quarter	269	2,468	27	229	150	1,146	92	1,093
4th Quarter	276	2,936	23	342	157	1,338	96	1,256
<b>Total 1997</b>	<b>1,016</b>	<b>9,719</b>	<b>88</b>	<b>1,059</b>	<b>570</b>	<b>4,332</b>	<b>358</b>	<b>4,328</b>

Source: Foreign Trade Report

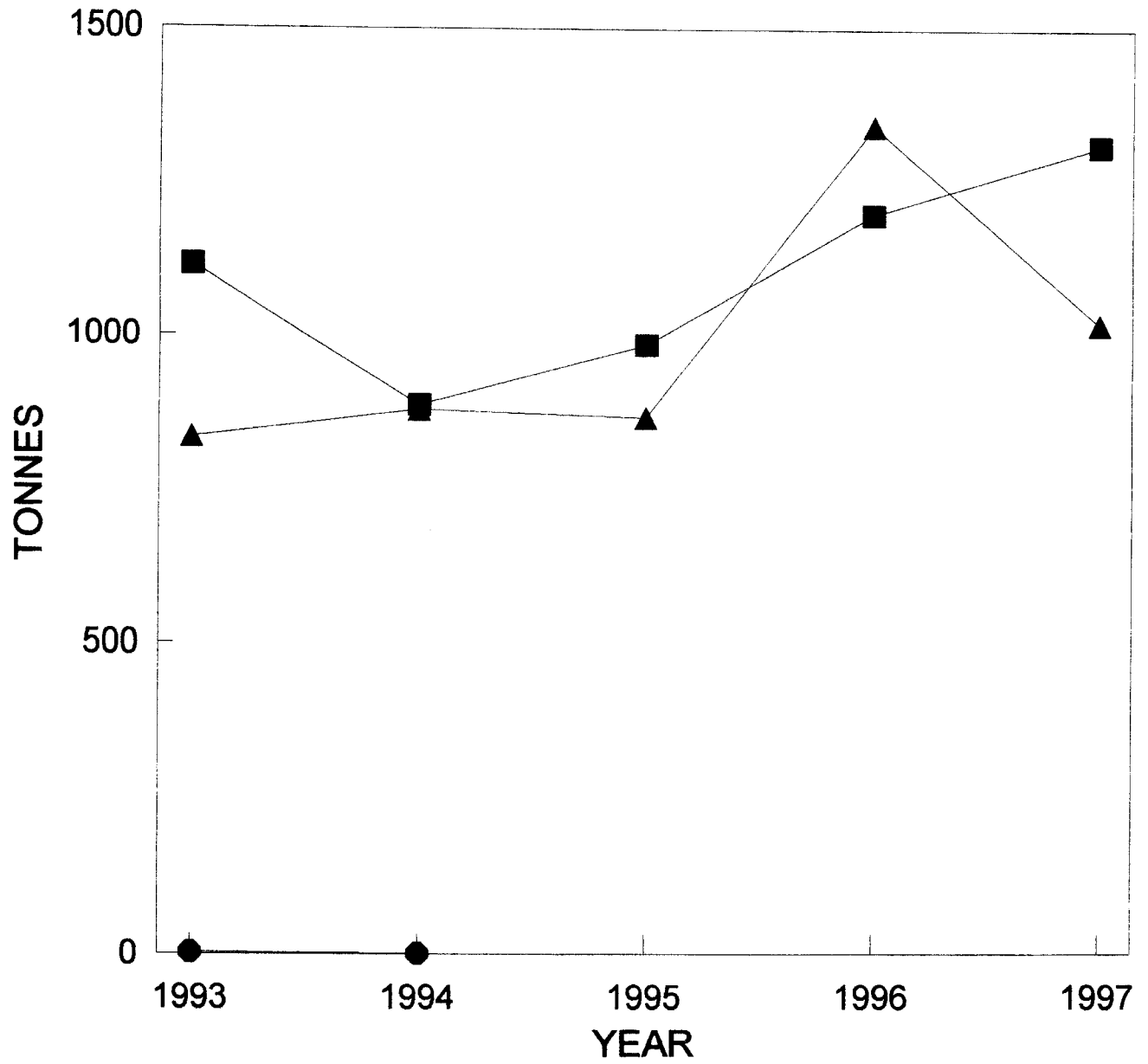
**Table X - 4. Fish Exports**

Period	Quantity Tonnes	Value \$'000
1993	2	14
1994	1	4
1995	—	—
1996	—	—
1997 1st Quarter	—	—
2nd Quarter	—	—
3rd Quarter	—	—
4th Quarter	—	—
<b>Total 1997</b>	—	—

Source : Foreign Trade Report

FIG X- 1

# FISH PRODUCTION, EXPORT & IMPORT



■ PRODUCTION ● EXPORT ▲ IMPORT