

F. SUMMARY OF INFRASTRUCTURE ELEMENTS OF IBRD/IDB/AID TRIPARTITE REPORT  
RECOMMENDATIONS:

The Tripartite Report<sup>1/</sup> encompassed the entire agricultural sector and discussed various infrastructural requirements, as well as infrastructure directly related to water control.

The Mission's report with respect to irrigation, drainage and flood control closely followed the recommendations of the FAO/IBRD report some five years earlier in its main thrust. It reported: "The primary task in the next couple of years is to build up the qualified personnel supply, the legal base, and the administrative mechanism to develop and manage the national water resources available for agriculture... while moving forward with the feasibility and pilot work on possible projects." The report echoed the FAO/IBRD recommendation that sufficient time and resources be committed to build a competent institution before major new construction expenses are made. It stated that "the deficiencies in the Government performance during the many years of trying to develop the Comayagua region should be taken fully into account in organizing a new approach..."

In concurrence with the importance the FAO/IBRD Mission assigned to flood control and drainage projects in the Northern valleys, the report gives high priority to the IDB assisted Sula and Quimistán Projects. It goes further, however, in emphasizing drainage, suggesting that important benefits can be realized at low cost on extensive areas simply through adequate drainage works, and that these areas would be especially adapted to rice production.

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<sup>1/</sup> IBRD-IDB-AID Agriculture/Rural Sector Survey, Honduras. August 28, 1975.

The report has some specific recommendations with respect to the institutional improvements it stresses. A decentralized agency should be created to plan and supervise water studies; design, construct and operate irrigation systems; manage these systems jointly with farmer representatives of irrigation districts; develop and implement water legislation; and develop and implement measures for soil conservation.

Two-Phase Irrigation/Drainage/Flood Control Program

The report recommends a two-part assistance program, the first phase leading to a massive five year \$50 million second phase. However, the implementation of the second phase would be dependent upon the achievement of the mostly institutional objectives and studies of the first phase, for which \$5 million was proposed. Of this amount, \$1 million was targeted for training and most of the balance for pre-investment studies and pilot expenditures for the following projects:

Otoro	\$ 0.2 million
Comayagua	0.6 "
Nacaome	1.0 "
Ground Water Studies	0.5 "
Agua Caliente	0.4 "
Choluteca pumping scheme	0.5 "
Guayape	0.3 "
Unassigned	0.5 "
	<u>\$ 4.0 million</u>

The report suggests that the successful completion of phase I would lead to the construction of the identified projects in phase II plus the preparation of pre-investment studies for other projects, possibly including Florida-La Entrada and Comayagua.

Road Program

The evaluation of road requirements identifies two main thrusts in the GOH program with which the report agrees: (1) to improve the main linkages between the Eastern and Northern-Eastern areas of the country and the exiting main trunk lines; and (2) to expand the rural road network. However, the report recommends a more ambitious rural road program, and institutional improvements that are required to provide the capability to plan and execute the program.

The present system includes:<sup>1/</sup>

1,400km of highways (trunk roads, bituminous paved)  
3,400km all-weather (engineered road, gravel surface)  
1,500km dry-weather (feeder and penetration roads)  
6,300km to services 115,200km<sup>2</sup>

Contributing to the obvious inadequacy of the system is the fact that "all weather" roads are not always passable, many river crossings are hardly manageable or non-existent, and maintenance is poor.

A partial explanation of the lack of rural roads is that only about 16,500km<sup>2</sup> of the total land area of Honduras has gradients not exceeding 20%- the remainder is mountainous, forest covered, with steep side slopes, knife-edge ridges, and subjected (in most of the country) to heavy seasonal rainfall. The existing road systems have been largely concentrated in the populated Western half of the country.

Only two Eastern areas are presently linked to the West by all-weather roads, Danlí-Santa María, and Juticalpa-Dulce Nombre de Culmí. The extension of the Tegucigalpa-Talanga trunk road to Juticalpa is scheduled for completion in 1979. It will open up additional agricultural areas and will improve access of the fertile Guayape Valley.

Two road links are being planned to the Aguán Valley. One links Elixir to La Ceiba. A second links Corocito to Juticalpa via San Esteban and San Francisco de la Paz. A third route is also being considered by the U.K. Overseas Development Administration (UKODA), connecting Corocito via Iriona to Dulce Nombre de Culmí. This would open up a large area of abandoned banana plantations in the Paulaya Valley and along the East coast.

The 1974 - 78 plan allocated 77% of the road expenditures to the main network and the balance of 23% (L. 19.7 million) to all other roads including access roads. This indicates a recognition of the need for access roads- but appears to be short of requirements.

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<sup>1/</sup> SOURCE: Compendio Agropecuario, Boletín Estadístico, MNR, Feb. 1977.

### Rural Roads

The present road program includes the following assistance for feeder road construction:

IBRD: In addition to support for the main highway program and about 80km of secondary roads (mostly) in the Comayagua area, includes studies for about 230km of feeder roads serving the Talanga-Catacamas road.

IDB: 120km of feeder roads serving the Corocito-Savá road.

AID: To finance 350km of feeder roads (about one-half new and one-half improvements) to serve 4 groups of asentamientos in the areas of San Pedro Sula, La Ceiba, Juticalpa and Choluteca.

The Tripartite Report recommends a stepped up rural roads construction and maintenance program with a heavy emphasis on organizational improvements in the first phase, and a doubling of these expenditures in the second phase. The suggested program for phase one is \$9.2 million and for phase two \$20.0 million. The importance given to this program and to the concern for the institutional ability to execute it, is expressed in the statement that "outlays for feeder road construction should be increased sharply during the years just ahead subject only to the constraint of effective implementation capacity".

### New Directorate of Viasy Obras Rurales Recommended

In order to give rural roads the attention required, it was suggested that a new directorate be established in SECOPT to design, construct, supervise and maintain rural roads. A staff development program would be essential to produce engineers trained in planning and constructing rural infrastructure with medium technology methods. The economies to be gained by the optimal use of these especially trained personnel would suggest including other kinds of infrastructure as the responsibility of the new Directorate, on a phased basis, as capabilities permit. Those municipal governments willing and able to participate in the program should be encouraged to do so. With the new Directorate functioning, the Directorate of Roads and Directorate of Maintenance could concentrate on the trunk lines.

The report suggested that labor intensive projects should be executed where feasible but cautioned that unless adequate engineering is provided there is a high risk of wasteful expenditure. An estimate was made of per km costs of feeder roads constructed by contract and by labor intensive methods which indicated that labor intensive construction was about one-third cheaper.

#### Grain Storage Facilities

The Tripartite Report recommends a major expansion of grain storage facilities, especially of on-farm storage. Specifically the report recommends a \$3 million, 4-year program to expand the public silo system and to provide loans for the expansion of private facilities, followed by a greatly expanded \$20 million 5-year program. Simultaneously, a \$2 million program in the first phase would provide for the construction of collection stations for basic grains to support the small farmer development program to be followed by an equal amount in the second phase.

#### Recommended Assistance Program for Rural Roads, Irrigation/Drainage/Flood Control/ and Grain Storage

The recommended Tripartite program for grain storage facilities, rural roads, and irrigation/drainage/flood control works totalled \$19.2 million in the first phase and \$92 million in the second.

	PHASE 1 (In Million Dollars)				PHASE 2	
	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>4 years Total</u>	<u>5 years</u>
Rural Roads	0.2	1.0	3.0	5.0	9.2	20
Irrigation/Drainage/ Flood Control	0.5	1.5	1.5	1.5	5.0	50
Grain Storage Facilities			1.0	4.0	5.0	22
Silos				(3.0)	(3.0)	(20)
Grain Collection Stations			(1.0)	(1.0)	(2.0)	(2)
<b>TOTAL:</b>	0.7	2.5	5.5	10.5	19.2	92

SOURCE: Ibid. General Report, P. 69.

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G. SUMMARY OF FAO/IBRD IRRIGATION IDENTIFICATION MISSION REPORT

FAO/IBRD Irrigation Identification Mission

At the time of the FAO/IBRD Irrigation Identification Mission in 1970, less than 35,000 hectares were in irrigation and flood control schemes, about two-thirds in the northern country:

20,000 hectares in banana plantations	(north)
5,000 hectares in sugar cane	(north)
1,200 hectares in sugar cane	(south)
6,000 hectares in Comayagua Valley	
<u>1,200</u> hectares in Choluteca Valley	(San Juan de Flores)
33,000 hectares plus INA project	

A more recent estimate increases the irrigated area to 54,000 hectares

Recommendations:

The following observations are made in the report:<sup>1/</sup>

1. The existing schemes (such as Comayagua and San Juan de Flores) were the subject of engineering studies but little consideration had been given to cropping possibilities, organization, management or benefits from these projects
2. The Government's program will be ineffective unless the water law and its regulations are passed and implemented, and the Government agencies dealing with irrigation and water control are strengthened.
3. Government policy should be:
  - a. To concentrate on fully developing and using irrigation facilities in areas already served by irrigation systems and roads (e.g., Comayagua);

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<sup>1/</sup> FAO/IBRD Cooperative Program: Report of the Honduras Irrigation Identification Mission. August 27, 1970.

- b. To concentrate in the development of new systems on small and medium size projects with low capital costs per hectare (e.g., Nacaome River diversion scheme).
- c. To support INA colonization projects with irrigation where appropriate (e.g., Monjarás-Buena Vista in Choluteca, and Guanchías in the Sula Valley);
- d. To build a pipeline of projects with feasibility studies.

### Regional Priorities

In discussing the irrigation needs and potential, the mission divided the country into three regions, the South, Center and North. It suggested that, in the North, where large areas of good soils suffer from severe annual floods which prevent the development of intensive agriculture, irrigation would have to be associated with flood control and drainage. In the South and Center regions where rainfall is irregular and largely absent during the long dry season, intensified agriculture is possible only with irrigation, but little significant development had yet taken place. It suggested that the irrigation of the inland valleys at medium altitudes in the central mountainous region is likely to lead to the greatest increases in production, followed by irrigation of the alluvial soils on the littoral of the Gulf of Fonseca in the South.

The Northern region includes the most extensive cultivable lands in the country - in the Sula, Leán, Aguán and Paulaya Valleys and the coastal plains around Tela and La Ceiba. Intensive agriculture is largely restricted to banana, pineapple, some citrus and oil palm plantations associated with the two fruit companies. The balance of the land is mostly in maize and ranching. The Mission recommended, as the top priority project for the region, a comprehensive flood control plan for the Sula Valley, including a high dam for generating hydroelectric power.

The Center region is mainly highland plateau, with mountainous and hilly land in the center and west to the borders of Guatemala and El Salvador. The western area is over-populated, with the present state of technology. Most lands are in low yielding maize, beans and pasture, and



are not served by all-weather roads. Forest destruction and erosion are already a serious and increasing problem. Intensification of production depends on improved communications to facilitate distribution of farm inputs and to market increased production. Most tropical and sub-tropical crops can be produced with irrigation and the humid mountain slopes are appropriate for coffee. The Mission recommended the intensive development of the Comayagua Valley while technical and managerial capabilities are being increased and studies prepared for other valleys, such as the Río Chamelecón, Yoro, Talanga, Guayape, Agalta, etc.

The Southern region is characterized by mountainous ranges with dissected slopes and coastal plains bordering on the Gulf of Fonseca. The Ríos Choluteca, Nacaome and others flow out from narrow valleys, across the plain. Maize, pulses and coffee are grown on the high ground. The coastal plain, subjected to a 6 months dry season, contains pastures, maize, cotton, and rice grown under rainfall, with sugar cane becoming an increasingly important crop. Water from the Chamelecón was used to irrigate sugar cane, some permanent crops (plantains and citrus) and some out-of-season crops (melons). At least one-third of tillable land was in subsistence agriculture and half of the cultivated land was in large holdings.

The Mission recommended for this region: (1) A Nacaome River Diversion Scheme: 1,500has to be irrigated by pumping from the river, permitting a second crop (beans and vegetables) during the dry season and supplementary irrigation of wet season crops. The Mission estimated a capital cost of \$1.6 million and a 17% rate of return. (2) Tubewell development along the Pacific Coast. The Mission estimated that \$23,000 would be the cost of a tubewell irrigating 25 hectares, permitting double cropping, and irrigated forage on cattle ranches. The return was estimated at 15%. (3) Following the first two projects, a storage project on the Nacaome River to irrigate 4,500 hectares. This would permit the growing of high value fruits and vegetables.

In stressing the importance of communications, the Mission pointed to the fact that about one-third of the tillable land of Honduras is without all-weather roads making access to markets difficult.

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## H. STATISTICS ON AGRICULTURE

### 1. STATISTICS ON AGRICULTURAL ECONOMY

Table E-1

FARM LEVEL AND WHOLESALE PRICES  
FOR BASICGRAINS, 1976-1979

<u>Crop</u>	<u>Farm-Level</u>	<u>Wholesale</u>
	<u>1976</u>	
Maize	L. 8.50/CWT	L. 10.71/CWT
Rice	25.00	41.84
Sorghum	6.50	11.90
Beans	19.50	28.86
	<u>1977</u>	
Maize	10.00	17.88
Rice	29.50	43.86
Sorghum	7.75	21.63
Beans	21.50	36.61
	<u>1978</u>	
Maize	12.00	17.16
Rice	32.50	52.04
Sorghum	8.25	16.87
Beans	22.50	38.95
	<u>1979</u>	
Maize	12.50	15.82
Rice	32.50	55.00
Sorghum	8.75	15.09
Beans	27.25	37.34

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Source: Departamento de Economía y Estadística Agrícola,  
Secretaría de Recursos Naturales

Table E-2 PRODUCTION 1/ AND REAL PRICES 2/ FOR THREE EXPORT CROPS  
1970/1980

<u>YEAR</u>	<u>BANANAS</u>		<u>COFFEE</u>		<u>COTTON</u>	
	<u>PRICE</u>	<u>PRODUCTION</u>	<u>PRICE</u>	<u>PRODUCTION</u>	<u>PRICE</u>	<u>PRODUCTION</u>
1970	0.17	27,469	1.84	771	0.73	196
1971	0.16	33,645	1.66	827	0.99	126
1972	0.17	30,729	1.43	860	0.81	142
1973	0.17	30,207	1.90	1,093	0.46	268
1974	0.16	25,029	1.97	1,049	1.15	328
1975	0.23	17,329	1.55	1,164	1.12	321
1976	0.20	23,867	2.81	1,140	1.36	193
1977	0.19	26,902	5.29	1,106	1.40	437
1978	0.19	27,153	3.66	1,458	1.13	699
1979	0.18	31,587	2.67	1,712	1.20	466
1980	0.20	31,177	2.80	1,656	1.19	545

1/ in thousands of quintales (100 lbs.)

2/ nominal price (Lempiras per kilo) ÷ GDP deflator (1966=100)

Source: Banco Central de Honduras

Table E-3

PRODUCTION 1/ AND REAL PRICES 2/ FOR BASIC GRAINS

1970/1980

	<u>MAIZE</u>		<u>BEANS</u>		<u>RICE</u>		<u>SORGHUM</u>	
	<u>PRICE</u>	<u>PRODUCTION</u>	<u>PRICE</u>	<u>PRODUCTION</u>	<u>PRICE</u>	<u>PRODUCTION</u>	<u>PRICE</u>	<u>PRODUCTION</u>
1970	7.07	7,772	19.28	1,057	21.24	217	6.90	1,292
1971	5.48	7,918	12.23	1,204	25.60	421	5.84	1,321
1972	5.60	7,979	14.19	1,097	24.84	522	5.80	1,341
1973	6.62	7,726	22.74	923	19.82	453	9.30	1,340
1974	6.89	7,902	19.16	1,141	25.41	438	6.86	1,401
1975	10.60	7,563	18.66	1,048	28.77	487	12.16	1,333
1976	6.57	8,332	17.71	948	25.67	502	7.30	1,518
1977	9.99	7,327	20.45	950	24.50	385	12.08	1,346
1978	8.67	7,632	19.67	980	26.28	501	8.52	1,351
1979	7.16	8,217	16.90	968	24.89	534	6.83	1,357
1980	8.74	7,398	28.98	958	24.61	580	7.90	1,365

1/ in thousands of quintales (100 lbs.)

2/ nominal wholesale price ÷ GDP deflator (1956=100)  
(Lempiras per quintal)

Source: Ministry of Natural Resources

Table E-4

ANNUAL RATE OF GROWTH IN CONSUMPTION  
OF SELECTED IMPORTED AGRICULTURAL INPUTS

<u>Input</u>	<u>Time Period</u>	
	<u>1970-71 to 1978-79</u>	<u>1970-71 to 1979-80</u>
Fertilizer	1.6%	4.2%
Abonos <u>1/</u>	7.3	0.2
Insecticides, Fungicides and Herbicides	7.0	4.7
Seeds <u>2/</u>	13.9	32.0

1/ Fertilizers of natural (i.p., plant or animal) origin

2/ Imports only (rice, corn, potato, sesame, sorghum, and bean seeds)

Source: Chinchilla

Table E-5

GENERAL CONSUMER AND RETAIL FOOD PRICE  
INDICES FOR REPUBLIC OF HONDURAS,  
TEGUCIGALPA, AND SAN PEDRO DE SULA, 1965-1980 (1966=100)

<u>Year</u>	<u>Tegucigalpa</u>		<u>San Pedro de Sula</u>		<u>Rep. of Honduras</u>	
	<u>General</u>	<u>Food</u>	<u>General</u>	<u>Food</u>	<u>General</u>	<u>Food</u>
1965	99.8	99.8	98.1	98.2	99.1	
1966	100.0	100.0	100.0	100.0	100.0	
1967	101.2	100.1	103.1	104.2	102.1	
1968	103.8	102.0	105.0	106.0	104.0	
1969	105.7	103.1	106.5	108.3	105.3	
1970	108.8	108.9	109.9	113.3	108.4	110.2
1971	111.2	113.0	112.6	117.6	110.7	113.7
1972	117.0	122.2	115.9	121.2	114.7	119.1
1973	121.3	124.7	123.9	130.1	121.2	126.0
1974	138.6	146.4	137.4	150.4	136.2	146.8
1975	147.6	158.1	150.9	166.7	147.4	160.8
1976	154.7	167.6	157.7	170.9	154.7	166.8
1977	167.7	185.8	169.0	188.0	167.9	185.7
1978	177.9	198.1	178.3	198.7	177.5	197.1
1979	194.0	213.1	193.2	212.6	193.1	212.8
1980	226.0	247.7	234.5	257.3	229.4	253.6

Source: Banco Central de Honduras

Table E-6

GENERAL CONSUMER PRICE INDEX FOR TEGUCIGALPA, BY MONTH, 1970-1980

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
1970	108.5	107.7	107.3	107.6	108.5	110.2	111.4	111.8	108.6	107.2	107.5	108.6	108.7
1971	110.4	110.1	110.2	110.8	112.9	110.6	111.3	110.0	111.5	111.2	111.1	112.1	111.0
1972	113.9	114.1	115.1	115.6	114.8	115.3	119.8	119.9	120.2	119.1	116.8	119.5	117.0
1973	119.7	120.2	124.6	124.1	124.4	125.8	121.9	120.6	120.2	122.4	125.1	127.5	123.0
1974	129.5	131.3	134.5	137.5	139.2	142.1	142.4	142.6	141.7	141.1	141.4	142.0	138.8
1975	142.8	144.6	144.8	145.9	146.8	147.0	148.0	150.3	149.0	149.6	150.5	151.5	147.6
1976	151.7	152.4	151.8	151.4	152.3	152.3	154.8	156.4	157.1	158.0	159.1	159.1	154.7
1977	159.3	161.5	164.3	171.3	167.8	167.2	170.0	169.5	170.5	169.0	170.2	171.4	167.7
1978	173.1	176.3	175.9	175.7	177.6	177.6	180.6	178.1	178.2	179.7	180.9	182.6	177.9
1979	183.9	183.6	183.4	185.5	186.2	190.1	193.5	195.5	199.7	202.3	207.0	217.8	194.0
1980	218.5	222.1	223.6	223.9	225.2	227.3	229.2	227.3	227.1	231.2	233.3	233.9	226.9

RETAIL FOOD PRICE INDEX FOR TEGUCIGALPA, BY MONTH, 1970-1980

1970	108.7	106.7	106.0	106.6	108.6	111.9	114.6	115.0	108.1	104.9	106.1	108.8	108.8
1971	113.3	112.4	112.4	113.5	117.7	111.7	113.3	109.8	112.6	111.9	111.7	113.8	112.8
1972	117.1	117.4	119.7	121.0	117.2	117.4	127.5	127.7	128.5	125.8	120.5	126.6	122.2
1973	121.5	122.2	131.8	130.3	131.1	132.9	124.5	121.5	119.6	124.6	130.5	133.0	126.9
1974	133.6	137.2	141.9	144.7	147.6	152.3	152.0	151.5	150.1	148.3	148.6	149.2	146.4
1975	150.1	153.1	153.2	155.2	157.2	157.2	159.7	163.2	160.4	161.4	163.0	163.8	158.1
1976	164.5	165.5	163.8	162.9	163.9	162.8	167.6	169.8	171.2	172.9	177.7	173.9	167.6
1977	170.9	175.2	181.0	196.6	188.0	185.0	189.6	188.5	189.9	185.8	188.2	190.6	185.8
1978	192.5	197.9	196.2	195.2	197.4	199.5	201.4	195.8	195.5	199.1	201.6	205.0	198.1
1979	206.6	025.4	203.0	207.3	207.0	212.2	211.9	213.1	215.0	218.2	223.3	234.3	213.1
1980	235.6	240.6	243.1	243.8	246.7	249.8	253.0	247.0	244.5	253.1	257.6	257.7	247.7

Source: Banco Central de Honduras

Table E-7 AVERAGE LEMPIRA VALUE \*OF SELECTED EXPORT CROPS,  
1960-1980  
(in current Lempiras)

Year	Crop					
	Bananas	Grapefruit	Pineapples	Coffee	Cotton	Tobacco
1960	0.156	0.091	0.084	1.524	1.066	0.722
1961	0.185	0.098	0.182	1.438	0.823	0.505
1962	0.202	0.137	0.122	1.437	1.178	0.676
1963	0.195	0.105	0.052	1.388	1.157	1.406
1964	0.194	0.111	0.069	1.778	1.098	1.427
1965	0.189	0.104	0.065	1.778	1.102	1.431
1966	0.180	0.109	0.088	1.294	1.030	2.418
1967	0.185	0.112	0.069	1.597	1.017	2.115
1968	0.177	0.074	0.069	1.576	1.197	2.520
1969	0.189	0.095	0.115	1.501	1.115	1.775
1970	0.188	0.143	0.074	2.021	0.801	2.064
1971	0.183	0.111	0.111	1.827	1.103	4.346
1972	0.196	0.113	0.110	1.684	0.959	4.529
1973	0.209	0.110	0.110	2.369	0.571	3.064
1974	0.227	0.115	0.100	2.761	1.605	3.586
1975	0.341	0.068	0.108	2.333	1.689	4.086
1976	0.332	0.131	0.121	4.580	2.222	3.638
1977	0.388	0.110	0.117	9.472	2.510	4.058
1978	0.369	0.509	0.484	7.244	2.243	4.111
1979	0.399	0.532	0.471	5.900	2.643	5.392
1980	0.510	N.A.	N.A.	7.192	3.058	5.979

\* F.O.B. price per kilogram at point of shipment (total annual export value/kilograms shipped)

Source: Banco Central de Honduras



Table E-8

STANDARD DEVIATION, MEAN, AND COEFFICIENT OF  
CORRELATION FOR MAIZE PRICE \*  
1966-1980

<u>Year</u>	<u>S.D.</u>	<u>MEAN</u>	<u>C. of C.</u>
1966	0.644	5.74	0.112
1967	1.799	7.71	0.233
1968	1.126	7.30	0.154
1969	0.538	5.96	0.090
1970	2.566	7.78	0.330
1971	0.736	6.08	0.121
1972	0.705	6.61	0.107
1973	1.364	8.27	0.165
1974	0.955	9.64	0.099
1975	5.462	16.01	0.341
1976	0.827	10.71	0.077
1977	2.906	17.88	0.163
1978	2.110	17.16	0.123
1979	1.795	15.82	0.113
1980	2.997	22.47	0.133

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\* wholesale price (Lempiras per 100 lbs.) in Tegucigalpa

Source: Departamento de Economía y Estadística Agrícola,  
 Secretaría de Recursos Naturales

Table E-9

STANDARD DEVIATION, MEAN, AND COEFFICIENT OF  
CORRELATION FOR BEAN PRICE\*  
1966-1980

<u>Year</u>	<u>S.D.</u>	<u>MEAN</u>	<u>C. of C.</u>
1966	4.026	14.29	0.282
1967	4.307	16.47	0.261
1968	2.187	16.59	0.132
1969	1.501	16.18	0.093
1970	8.333	21.21	0.393
1971	1.798	13.57	0.133
1972	3.558	16.74	0.213
1973	5.093	28.43	0.179
1974	4.105	26.83	0.153
1975	3.847	28.18	0.137
1976	2.147	28.86	0.074
1977	7.337	36.61	0.200
1978	8.954	38.95	0.230
1979	9.134	37.34	0.249
1980	16.983	74.48	0.228

\* Wholesale price (Lempiras per 100 lbs.) in Tegucigalpa

Source: Departamento de Economía y Estadística Agrícola,  
 Secretaría de Recursos Naturales

Table E-10

STANDARD DEVIATION, MEAN, AND COEFFICIENT OF  
CORRELATION FOR RICE PRICE \*  
1966-1980

<u>Year</u>	<u>S.D.</u>	<u>MEAN</u>	<u>C. of C.</u>
1966	2.036	22.97	0.089
1967	2.619	23.27	0.113
1968	0.987	22.57	0.044
1969	0.849	21.90	0.039
1970	2.469	23.36	0.106
1971	7.835	28.42	0.276
1972	3.807	29.31	0.130
1973	1.188	24.78	0.048
1974	5.456	35.58	0.153
1975	2.055	43.45	0.047
1976	1.594	41.84	0.038
1977	2.547	43.86	0.058
1978	4.902	52.04	0.094
1979	1.389	55.00	0.025
1980	4.093	63.24	0.065

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\* wholesale price (Lempiras per 100 lbs.) in Tegucigalpa

Source: Departamento de Economía y Estadística Agrícola,  
Secretaría de Recursos Naturales

Table E-11

STANDARD DEVIATION, MEAN, AND COEFFICIENT OF  
CORRELATION FOR SORGHUM PRICE\*  
1966-1980

<u>Year</u>	<u>S.D.</u>	<u>MEAN</u>	<u>C. of C.</u>
1966	0.402	5.36	0.075
1967	2.146	6.76	0.317
1968	0.785	7.90	0.099
1969	0.664	5.21	0.127
1970	2.386	7.59	0.314
1971	0.857	6.48	0.132
1972	1.838	6.84	0.269
1973	0.723	11.63	0.062
1974	0.640	9.60	0.067
1975	7.046	18.36	0.384
1976	1.984	11.90	0.167
1977	4.601	21.63	0.213
1978	1.452	16.87	0.086
1979	1.561	15.09	0.103
1980	1.637	20.31	0.081

---

\*Wholesale price (Lempiras per 100 lbs.) in Tegucigalpa

Source: Departamento de Economía y Estadística Agrícola,  
 Secretaría de Recursos Naturales

Table E-12

VALUE ADDED, SELECTED CROPS, 1970-1980

PRODUCTS	YEAR										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Bananas</u>	119	118	137	142	106	90	137	173	179	241	338
<u>Coffee</u>	52	53	52	71	83	76	111	195	252	224	264
<u>Maize</u>	41	43	43	45	47	53	60	62	78	87	79
<u>Beans</u>	16	18	17	15	19	18	17	18	19	22	24
<u>Rice</u>	4	8	9	9	9	11	11	10	14	16	19
<u>Sorghum</u>	6	6	7	7	8	8	9	9	10	10	11

\* in million of current Lempiras

Source: Banco Central de Honduras

Table E-13

GROSS VALUE OF PRODUCTION\*, SELECTED CROPS, 1970-1980

PRODUCTS	YEAR										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Bananas</u>	168	287	204	205	173	171	271	323	349	473	662
<u>Coffee</u>	56	58	56	87	100	92	135	208	291	267	311
<u>Cotton</u>	3	2	3	6	10	11	8	222	30	22	27
<u>Maize</u>	46	48	48	50	55	62	71	73	92	103	93
<u>Beans</u>	18	20	19	16	21	20	18	20	22	26	28
<u>Rice</u>	4	9	9	10	10	12	13	11	16	19	22
<u>Sorghum</u>	7	7	7	7	9	8	10	10	11	12	13

\* in million of current Lempiras

Source: Banco Central de Honduras

Table E-14

CURRENT LEMPIRA PRICES\* FOR FERTILIZERS,  
1972-1980

<u>Year</u>	<u>PRODUCT</u>		
	<u>12-24-12 1/</u>	<u>12-12-17-2 2/</u>	<u>Urea 46%</u>
1972	13.05	13.20	12.05
1973	15.21	14.59	14.35
1974	26.83	27.28	30.00
1975	29.67	29.00	30.25
1976	25.17	25.50	24.17
1977	20.33	18.20	18.33
1978	24.42	27.75	-
1979	24.48 <u>3/</u>	26.90 <u>4/</u>	22.15 <u>3/</u>
1980	30.68 <u>3/</u>	24.55 <u>4/</u>	29.96 <u>3/</u>

\* per 100 pounds

1/ Numbers refer to percentages of nitrogen, phosphorus, and potassium, respectively

2/ Numbers refer to percentages of nitrogen, phosphorus, potassium, and manganese, respectively

3/ Prices in Centro Oriental Region

4/ Prices in Norte and Litoral Atlántico Regions

Source: Departamento de Economía y Estadística Agrícola,  
Secretaría de Recursos Naturales

Table E-15

CURRENT LEMPIRA PRICES \* FOR INSECTICIDES,  
1972-1980

<u>Year</u>	<u>PRODUCT</u>		
	<u>Aldrin al 2.5% P.M.</u>	<u>Malathion al 2.5%</u>	<u>Clordano al 20%</u>
1972	30.00	120.00	95.00
1973	35.00	123.00	160.00
1974	50.00	133.33	115.00
1975	50.00	152.50	120.00
1976	55.00	150.00	120.00
1977	50.00	150.00	135.00
1978	54.75	175.00	130.00
1979 <u>1/</u>	60.00	187.50	145.00

---

\* per 100 pounds

1/ Prices in Centro Oriental Region

Source: Departamento de Economía y Estadística Agrícola,  
Secretaría de Recursos Naturales



Table E-16 CURRENT LEMPIRA PRICES FOR FUNGICIDES AND HERBICIDES,  
1972-1980

<u>YEAR</u>	<u>PRODUCT</u>	
	<u>2-4-D (a 46-480)1/</u>	<u>Beulate 2/</u>
1972	8.50	10.93
1973	8.50	11.00
1974	12.50	22.00
1975	22.00	38.00
1976	19.75	38.00
1977	13.64	25.00
1978	17.00	26.25
1979	17.46 <u>3/</u>	27.50 <u>3/</u>
1980	-	25.75 <u>3/</u>

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1/ Price per gallong

2/ Price per pound

3/ Prices in Centro Oriental Region

Source: Departamento de Economía y Estadística Agrícola,  
 Secretaría de Recursos Naturales

CURRENT LEMPIRA PRICES\* FOR FUELS, 1972-1981

Table E-17

<u>Year</u>	<u>Regular Gasoline</u>		<u>Diesel</u>	
	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>
1972	0.96	0.96		
1973	0.96	0.96		
1974	1.68	1.82	0.96	1.10
1975	1.80	1.94	0.99	1.13
1976	1.80	1.94	0.99	1.13
1977	2.03	2.17	0.99	1.13
1978	1.98	2.12	1.04	1.18
1979	2.18 - 3.18	2.32 - 3.32	1.20 - 1.72	1.34 - 1.86
1980	3.48 - 3.49	3.62 - 3.66	2.02 - 2.19	2.16 - 2.36
1981	3.82	3.99	2.32	2.49

\* per gallon

1/ Pre-1974 gasoline price was uncontrolled, uniform national price. Minimum post-1973 prices for gasoline and diesel occurred in vicinity of Puerto Cortés refinery.

Highest controlled prices are allowed in those parts of the country located farthest from the refinery.

Source: Dirección General de Comercio Interior, Secretaría de Economía

Table E-18

CURRENT LEMPIRA PRICES\* FOR TRACTORS,  
1972-1980

<u>YEAR</u>	<u>PRODUCT</u>	
	<u>Massey Ferguson - 265 (63 HP)</u>	<u>Massey Ferguson - 1085 (92 HP)</u>
1972	12,650	19,135/Unit
1973	13,000	21,500
1974	19,000	28,000
1975	21,400	31,400
1976	20,300	29,800
1977	21,000	33,000
1978	21,850	35,140
1979	20,757	33,431

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Source: Departamento de Economía y Estadística Agrícola,  
Secretaría de Recursos Naturales

Table E-19 CURRENT LEMPIRA PRICES FOR MACHETES AND WHETSONES,  
1972-1978

<u>YEAR</u>	<u>COLLINS MACHETE</u> <u>Nominal Price</u>	<u>WHETSTONE</u> <u>Nominal Price</u>
1972	L.3.50	L.0.50/each
1973	3.50	0.75
1974	3.50	0.85
1975	5.00	-
1976	5.00	-
1977	5.00	0.90
1978	5.00	0.90

---

Source: Departamento de Economía y Estadística Agrícola,  
 Secretaría de Recursos Naturales

Table E-20

PRODUCTION AND PRICE ON BASICGRAINS

(Unit: Production=1000qq, Price=Lempiras/qq)

	Production	Producers Price <u>1/</u>	Consumers Price <u>1/</u>
<u>Maize</u>			
1977-78 <u>2/</u>	8,408.5	12.3	16.8
1978-79	9,806.2	13.5	18.2
1979-80	8,217.0	14.5	18.0
1980-81	8,543.0	15.3	-
1981-82	9,492.0	17.3	-
<u>Beans</u>			
1977-78	766.6	25.0	42.0
1978-79	964.4	29.0	45.1
1979-80	968.0	40.3	55.88
1980-81	958.0	40.3	52.30
1981-82	1,039.0	55.0	-
<u>Rice</u>			
1977-78	451.0	32.0	50.6
1978-79	561.2	35.2	50.1
1979-80	534.0	38.4	51.8
1980-81	580.0	38.8	52.1
1981-82	612.0	42.6	-
<u>Sorghum</u>			
1977-78	785.6	10.3	-
1978-79	1,165.9	11.5	-
1979-80	1,357.0	13.0	-
1980-81	1,365.0	14.0	-
1981-82	1,381.0	16.0	-

Source: Central Bank

1/ Controlled Price2/ Harvesting Season of September and October

Table E-21

PRODUCTION AND PRODUCTION VALUE  
ON MAJOR AGRICULTURAL PRODUCTS

	1977	1978	1979	1980	1981
<u>Banana</u>					
Area	27.3	31.3	32.2	30.1	27.9
Yield	985.4	867.5	955.0	1,048.1	1,047.2
Production	26,902	27,153	30,752	31,549	29,217
(Export)	(15,612)	(15,848)	(19,743)	(18,980)	(17,124)
G. Production	322.9	348.9	472.8	540.3	567.4
A. Value	178.0	178.5	242.0	280.6	291.7
<u>Coffee</u>					
Area	115.0	116.3	118.3	120.4	122.5
Yield	9.3	12.1	14.0	13.3	14.0
Production	1,064.0	1,406.2	1,661.1	1,598.6	1,711.4
(Export)	(791)	(1,250)	(1,436)	(1,234)	(1,475)
G. Production	266.2	285.7	262.0	276.2	237.8
A. Value	253.5	268.6	242.7	251.7	211.9
<u>Maize</u>					
Area	300.3	293.2	317.4	286.6	319.7
Yield	24.4	26.0	25.9	29.8	29.7
Production	7,327	7,632	8,217	8,543	9,492
(Export)	(11)	(-)	(8)	(-)	(-)
G. Production	73.3	91.6	102.8	107.1	118.8
A. Value	62.3	77.8	87.3	91.1	101.0
<u>Beans</u>					
Area	60.8	60.7	60.3	60.7	62.0
Yield	15.6	16.1	16.1	15.8	16.8
Production	950	980	968	958	1,039
(Export)	(51)	(2)	(1)	(-)	(68)
G. Production	20.4	22.1	26.4	28.2	33.9
A. Value	18.4	18.7	22.4	24.0	28.8
<u>Paddy</u>					
Area	12.2	14.9	16.4	18.4	19.6
Yield	31.6	33.6	32.6	31.5	31.2
Production	385	501	534	580	612
(Export)	(-)	(-)	(-)	(-)	(-)
G. Production	11.4	16.3	18.9	22.4	24.5
A. Value	10.2	13.8	16.1	19.1	20.9
<u>Pratano</u>					
Area	5.6	5.9	5.8	6.6	7.3
Yield	368.9	342.9	344.5	347.9	336.6
Production	2,066	2,023	1,998	2,296	2,457
(Export)	(208)	(118)	(46)	(304)	(451)
G. Production	10.5	11.2	11.6	14.0	16.2
A. Value	9.3	9.9	10.2	12.3	14.2

Unit: Area=1000ha, Yield=qq/ha, Production & Export=1000qq  
Gross Production and Added Value=Million Lempira

(Continued)

	1977	1978	1979	1980	1981
<u>Sorghum</u>					
Area	55.0	54.9	55.7	56.0	56.6
Yield	24.5	24.6	24.4	24.4	24.4
Production	1,346	1,351	1,357	1,365	1,381
(Export)	(-)	(-)	(-)	(-)	(-)
G. Production	10.4	11.1	11.9	12.8	13.6
A. Value	9.4	9.8	10.5	11.3	12.4
<u>Tabacco</u>					
Area	6.2	5.9	6.4	7.1	6.6
Yield	24.0	25.4	25.8	22.7	24.5
Production	149	150	165	161	162
(Export)	(99)	(96)	(99)	(101)	(104)
G. Production	18.2	17.2	21.3	24.9	25.1
A. Value	15.7	14.6	18.0	20.9	21.1
<u>Cotton</u>					
Area	10.2	17.7	11.9	11.1	8.3
Yield	42.8	39.5	39.2	49.1	54.9
Production	437.0	699.2	466.1	545.2	466.5
(Export)	(435.3)	(699.2)	(466.1)	(539.8)	(443.7)
G. Production	22.3	30.3	22.4	27.0	26.6
A. Value	16.9	20.6	15.0	18.5	20.0
<u>Sugar Cane</u>					
Area	45.2	49.2	56.0	63.0	63.3
Yield	909.4	903.7	834.2	863.3	877.7
Production	41,107	44,464	714	54,387	55,560
(Export)	(-)	(-)	(-)	(-)	(-)
G. Production	30.8	37.8	44.4	49.4	54.4
A. Value	23.1	28.3	33.3	37.0	40.8
<u>Oil Palm</u>					
Area	4.4	4.3	4.7	5.5	6.9
Yield	268.2	297.9	297.4	269.1	267.5
Production	1,180	1,281	1,398	1,480	1,846
(Export)	(-)	(-)	(-)	(-)	(-)
G. Production	3.1	3.8	4.5	5.6	7.4
A. Value	2.5	3.0	3.6	4.5	5.9

Source: IMF Report, 1982

Table E-22

LABOUR POPULATION BY SECTORS (1977-1981)

	1977	%	1981	%
<u>Total Labour Population</u>	<u>873,366</u>	<u>100.0</u>	<u>1,012,471</u>	<u>100.0</u>
Primary Industry	534,234	61.3	598,067	59.2
Agriculture & Related	(531,526)	(61.0)	(594,928)	(58.9)
Mining	(2,708)	(0.3)	(3,139)	(0.3)
Secondary Industry	135,680	15.5	166,956	16.5
Manufacturing	(103,792)	(11.9)	(128,786)	(12.7)
Construction	(28,918)	(3.3)	(34,323)	(3.4)
	(2,970)	(0.3)	(3,847)	(0.4)
Service Industry	203,452	23.2	247,448	24.3
Transp. & Commu.	(24,812)	(2.8)	(29,665)	(2.9)
Commercial	(70,680)	(8.1)	(84,541)	(8.3)
Financing	(7,339)	(0.8)	(9,315)	(0.9)
Others	(100,621)	(11.5)	(123,927)	(12.2)
Labour Population Ratio (%)		26.3		26.5

Source: Ministry of Labour, CONSPLANE



Table E-23

EXPORT STATISTICS BY MAJOR GOODS

(Unit: Million US\$, \$)

	1977	1978	1979	1980	1981
<u>Total Export Value</u>	<u>529.8</u>	<u>607.6</u>	<u>732.5</u>	<u>322.1</u>	<u>753.6</u>
<u>Coffee</u>					
Value	168.2	211.0	196.9	204.1	172.9
Quantity (1,000qq)	791.0	1,250.0	1,436.0	1,234.0	1,475.0
Unit Price (pound)	2.13	1.67	1.35	1.63	1.15
<u>Banana</u>					
Value	130.2	142.1	199.9	228.0	213.3
Quantity (1000 box)	39.0	39.4	49.2	47.5	42.2
Unit Price (box)	3.34	3.6	4.06	4.8	5.15
<u>Timber</u>					
Value	47.2	42.3	42.1	36.2	43.2
Quantity (1000m <sup>3</sup> )	445.0	358.0	336.0	269.0	292.0
Unit Price (m <sup>3</sup> )	105.8	118.2	125.1	134.6	147.8
<u>Meat</u>					
Value	21.2	38.8	60.8	60.8	46.6
Quantity (million kg)	17.6	22.6	30.0	28.6	23.8
Unit Price (kg)	1.23	1.71	2.03	2.12	1.95
<u>Lead/Zinc</u>					
Value	20.2	20.0	27.5	19.9	20.6
Quantity (million pound)	83.6	83.1	80.3	59.2	50.4
Unit Price (£b)	0.24	0.24	0.34	0.34	0.35
<u>Silver</u>					
Value	11.8	10.9	17.2	31.8	15.7
Quantity (troy ounce)	2.7	2.1	2.5	1.6	1.6
Unit Price (ounce)	4.37	5.19	7.0	19.6	14.5

(Continued)

	1977	1978	1979	1980	1981
<u>Prawn/Lobster</u>					
Value	15.2	15.6	24.3	23.4	26.3
Quantity	3.3	2.5	2.7	3.3	3.6
(million kg)					
Unit Price (kg)	4.61	6.24	9.04	7.15	7.2
<u>Soap</u>					
Value	11.5	13.7	16.5	20.5	13.0
Quantity	21.3	23.9	24.1	19.8	13.7
(million kg)					
Unit Price (kg)	0.54	0.57	0.68	1.04	0.95
<u>Cotton</u>					
Value	6.8	15.6	11.3	13.5	12.5
Quantity	5.1	13.0	7.9	8.8	7.8
(million kg)					
Unit Price (kg)	1.33	1.19	1.43	1.53	1.60
<u>Tobacco</u>					
Value	9.1	9.0	12.1	13.7	13.4
Quantity	4.5	4.4	4.5	4.6	4.5
(million kg)					
Unit Price (kg)	2.0	2.05	2.69	2.99	2.97
<u>Sugar</u>					
Value	3.8	5.5	13.3	29.4	46.6
Quantity	19.7	22.6	55.2	81.5	83.1
(million kg)					
Unit Price (kg)	0.19	0.24	0.24	0.36	0.56
<u>Others</u>					
Value	84.1	103.1	134.6	167.8	161.1

Source: Central Bank

Table E-24

IMPORT STATISTICS BY MAJOR GOODS

(Unit: 1,000 US\$)

	1978	1979	1980	1981
Foods	54,037	56,636	85,549	77,292
Beverage/Tobacco	4,796	5,164	4,417	7,000
Law Materials except Foods	10,495	9,610	11,087	9,838
Fuel/Lubricants	70,358	112,982	171,153	163,219
Edible Oil	7,304	6,851	11,644	11,330
Chemical Products	106,517	137,745	154,300	166,120
Industrial Products	156,552	196,110	211,906	206,000
Machinery/Transportation	230,131	247,087	300,448	248,106
Industrial Miscellaneous	49,307	58,164	67,412	69,064
Animals	3,385	1,594	1,387	2,041
Total	695,882	831,943	1,019,303	960,010

Source: Central Bank

Table E-25

HONDURAN INSTITUTE OF AGRICULTURAL TRADE (IHMA)PRICE OF GUARANTEEIN SEPTEMBER 1982 - AUGUST 1983

(Lempiras per One Hundred Pound)

Grain	White corn yellow corn	Red kidney bean	Mixed red bean	Black kidney bean	Paddy	Sorghum
Tegucigalpa	17.25	50.00	46.25	45.00	26.60	16.00
San Pedro Sula	17.25	50.00	46.25	45.00	26.00	16.00
Choluteca	16.00	48.75	45.00	43.75	25.35	14.75
Danli	16.00	48.75	45.00	43.75	25.35	14.75
Juticalpa	16.00	48.75	45.00	43.75	25.35	14.75
Catacamas	16.00	48.75	45.00	43.75	25.35	14.75
El Porvenir	16.00	48.75	45.00	43.75	25.35	14.75
Comayagua	16.00	48.75	45.00	43.75	25.35	14.75
Puerto Cortes	16.00	48.75	45.00	43.75	25.35	14.75
Tela	16.00	48.75	45.00	43.75	25.35	14.75
Olanchito	16.00	48.75	45.00	43.75	25.35	14.75
Tocoa	16.00	48.75	45.00	43.75	25.35	14.75
La Entrada	16.00	48.75	45.00	43.75	25.35	14.75

TOLERANCE FOR PRICE OF GUARANTEE

Concept	White corn yellow corn	Red kidney bean	Mixed red bean	Black kidney bean	Paddy	Sorghum
Moisture	18%	19%	19%	19%	24%	18%
Impurities	7%	7%	7%	7%	7%	7%
Rot Grain	20%	10%	10%	10%	10%	20%



Table E-27

Production Cost of Maize, 1977 (COMAYAGUA)

	I		II	
Labour	209.39	(91%)	156.09	(50%)
Family labour	151.72	(66%)	74.09	(23.8)
Contract labour	57.67	(25%)	82.00	(26.2)
Animal Traction	-	-	69.64	(22.3)
Machine Traction	-	-	37.31	(11.9)
Seed	4.68	(2%)	7.08	(2.3)
Fertilizer	-	-	14.85	(4.7)
Agricultural Chemical	-	-	-	-
Other Cost	15.32	(7%)	27.97	(8.8)
<b>Total</b>	<b>229.39</b>		<b>312.94</b>	
Yield	0.9 ton/ha		1.6 ton/ha	

Source: Departamento de Análisis Sectorial, D.P.S., M.RR.

Table E-28

## New Loan by Destination of the Banking System to the Agricultural Sector (1970)

(Unit: 1,000 Lempiras)

Destination	Commercial Bank	Development Bank	Others	Total Banking System	Percentage
I. Agriculture	45,033	17,148	1,808	63,989	55.3
Banana	936	12	-	948	0.8
Coffee	27,880	5,189	760	33,829	29.2
Tobacco	1,310	1,137	-	2,447	2.1
Cotten	731	4,298	-	5,029	4.4
Sugar cane	3,181	997	106	4,284	3.7
Rice	1,628	230	88	1,946	1.7
Maize	1,384	2,617	606	4,607	4.0
Kidney bean	428	529	-	957	0.8
Other Cultivations	7,555	2,139	248	9,942	8.6
II. Livestock	26,542	12,150	1,378	40,070	34.6
III. Poultry	2,111	492	54	2,657	2.3
IV. Sylviculture	3,617	11	-	3,628	3.1
V. Beekeeping	40	17	-	57	0.1
VI. Fishery	3,572	76	1,622	5,270	4.6
Total Agricultural Sector	80,915	29,894	4,862	115,671	100.0
Percentage	70.0	25.8	4.2	100.0	-

SOURCE: BANCO CENTRAL DE HONDURAS, DEPARTAMENTO DE ESTUDIOS ECONOMICOS

Table E-29

## New Loan by Destination of the Banking System to the Agricultural Sector (1975)

(Unit: 1,000 Lempiras)

Destination	Commercial Bank	Development Bank	Others	Total Banking System	Percentage
I. Agriculture	60,476	43,672	857	105,005	67.1
Banana	2,644	-	-	2,644	1.7
Coffee	27,404	4,942	140	34,486	22.1
Tobacco	3,698	1,178	60	4,936	3.1
Cotten	152	7,773	-	7,925	5.1
Sugar cane	7,975	1,825	352	10,152	6.5
Rice	4,460	5,016	5	9,481	6.0
Maize	2,670	9,526	-	12,196	7.8
Kidney bean	228	1,698	2	1,928	1.2
Other Cultivations	11,245	9,714	301	21,260	13.6
II. Livestock	22,076	12,452	364	34,892	22.3
III. Poultry	4,510	428	220	5,458	3.5
IV. Sylviculture	4,593	4	17	4,614	3.0
V. Beekeeping	202	164	-	366	0.2
VI. Fishery	6,039	21	-	6,060	3.9
Total Agricultural Sector	97,896	57,041	1,458	156,395	100.0
Percentage	62.6	36.5	0.9	100.0	-

SOURCE: BANCO CENTRAL DE HONDURAS, DEPARTAMENTO DE ESTUDIOS ECONOMICOS



Table E-30

## New Loan by Destination of the Banking System to the Agricultural Sector (1980)

(Unit: 1,000 Lempiras)

Destination	Commercial Bank	Development Bank	Others	Total Banking System	Percentage
I. Agriculture	127,096	82,724	-	209,820	75.3
Banana	463	-	-	463	0.2
Coffee	54,323	28,859	-	83,182	29.8
Tobacco	15,674	139	-	15,813	5.6
Cotten	6,329	12,120	-	18,449	6.6
Sugar cane	20,524	7,042	-	27,566	10.0
Rice	14,731	3,697	-	18,428	6.6
Maize	1,409	10,417	-	11,826	4.2
Kidney bean	201	1,421	-	1,622	0.6
Other Cultivations	13,442	19,029	-	32,471	11.7
II. Livestock	47,095	4,726	-	51,821	18.6
III. Poultry	5,168	272	-	5,440	2.0
IV. Sylviculture	2,415	4	-	2,419	0.8
V. Beekeeping	556	158	-	714	0.3
VI. Fishery	8,243	130	-	8,373	3.0
Total Agricultural Sector	190,573	88,014	-	278,587	100.0
Percentage	68.4	31.6	-	100.0	-

SOURCE: BANCO CENTRAL DE HONDURAS, BOLETIN ESTADISTICO SEP/1981

Table E-31

## New Loan by Destination of the Banking System to the Agricultural Sector (1981)

(Unit: 1,000 Lempiras)

Destination	Commercial Bank	Development Bank	Others	Total Banking System	Percentage
I. Agriculture	136,286	54,809	-	191,095	
Banana	1,070	15	-	1,085	
Coffee	36,200	10,542	-	46,742	
Tobacco	19,442	415	-	19,917	
Cotten	8,930	8,066	-	16,996	
Sugar cane	31,478	5,055	-	36,534	
Rice	16,293	4,930	-	21,223	
Maize	2,194	14,148	-	16,343	
Kidney bean	350	2,103	-	2,453	
Other Cultivations	20,329	9,475	-	29,804	
II. Livestock	38,196	8,862	-	47,057	
III. Poultry	7,650	1,054	-	8,703	
IV. Sylviculture	7,435	1	-	7,436	
V. Beekeeping	460	430	-	890	
VI. Fishery	15,609	548	-	16,157	
Total Agricultural Sector	205,636	65,704	-	271,340	
Percentage	75.8	24.2	-	100.0	

SOURCE: BANCO CENTRAL HONDURAS, BOLETIN ESTADISTICO NOV/1982

Table E-32 New Loan by Destination of the Banking System to the Agricultural Sector (1982)

(Unit: 1,000 Lempiras)

Destination	Commercial Bank	Development Bank	Others	Total Banking System	Percentage
I. Agriculture	94,100	48,809	-	142,909	
Banana	1,465	-	-	1,465	
Coffee	36,058	8,021	-	44,979	
Tobacco	10,215	280	-	10,495	
Cotten	6,050	2,199	-	8,249	
Sugar cane	20,022	20,036	-	40,058	
Rice	3,970	3,684	-	7,654	
Maize	1,863	10,200	-	12,063	
Kidney bean	232	992	-	1,224	
Other Cultivations	13,325	3,397	-	16,722	
II. Livestock	23,991	8,985	-	32,976	
III. Poultry	5,246	1,737	-	6,983	
IV. Sylviculture	6,837	503	-	7,340	
V. Beekeeping	179	129	-	308	
VI. Fishery	9,190	316	-	9,506	
Total Agricultural Sector	139,543	60,479	-	200,022	
Percentage	69.8	30.2	-	100.0	

SOURCE: BANCO CENTRAL HONDURAS, BOLETIN ESTADISTICO NOV/1982

2. PRODUCTION STATISTICS

Table P-1 LAND USE BY DEPARTMENT (1965-1966)

(unit: ha)

Department	No. of Farms*	Total Land	Annual Crops	Permanant Crops	Fallow Land	Natural Pasture	Cultivated Pasture	Mountain & Forest	Others
Total	178,350	3,461,528	489,439	272,496	321,777	613,415	1,004,203	668,475	101,723
Atlántida	5,447	129,423	17,933	15,851	15,650	20,140	28,088	24,452	7,309
Colón	4,318	83,572	9,295	9,299	9,625	10,571	22,541	20,145	2,096
Comayagua	12,034	203,439	31,521	23,147	15,675	40,138	52,352	35,288	5,313
Copán	14,550	265,601	35,532	14,519	28,220	54,139	79,146	44,449	9,586
Cortés	9,077	276,785	23,393	31,311	20,859	51,614	111,604	32,766	5,238
Choluteca	14,886	336,700	60,107	9,654	18,988	71,579	126,437	40,406	9,529
El Paraíso	11,668	281,852	37,766	16,451	12,329	48,226	106,888	54,491	5,701
Francisco Morazán	18,686	337,265	49,990	15,715	23,325	75,391	72,884	90,763	9,197
Gracias a Dios	1,604	15,656	3,204	5,497	4,433	422	148	1,844	108
Intibucá	11,269	167,159	25,080	8,241	14,671	32,943	22,931	57,875	5,418
Islas de la Bahía	254	6,884	144	1,430	517	2,865	973	748	207
La Paz	7,822	97,934	15,642	7,265	14,724	18,636	18,462	20,501	2,704
Lempira	14,998	172,104	33,529	13,814	17,849	29,222	38,540	32,919	6,231
Ocoatepeque	6,473	122,052	12,042	6,045	5,832	32,061	40,914	19,346	5,812
Olancho	10,421	197,942	33,099	19,966	37,257	24,336	56,773	24,187	2,324
Santa Bárbara	15,787	371,540	42,938	42,064	37,412	55,985	133,592	46,857	12,692
Valle	3,013	87,614	24,864	1,300	11,989	18,803	11,674	15,611	3,373
Yoro	11,043	308,006	33,360	30,927	32,422	26,344	80,256	95,827	8,870

Source: Censo Nacional Agrícola 1965 - 1966

\* Total Number of Farms Studied

Table P-2 LAND USE BY DEPARTMENT (1974)

(unit: ha)

Department	No. of Farms*	Total Land	Annual Crops	Permanent Crops	Natural Fallow Land	Cultivated Pasture	Mountain & Pasture	Forest	Others
Total	195,341	2,629,859	366,344	212,011	140,291	470,111	877,666	533,046	30,390
Atlix	8,476	139,613	20,025	13,176	11,783	28,787	37,791	25,198	2,853
Colón	5,788	102,212	13,228	7,956	5,371	14,141	33,195	27,242	1,079
Comayagua	11,124	125,166	20,652	15,609	6,525	19,228	39,034	23,103	1,015
Copán	16,437	183,114	26,488	12,861	12,073	24,600	75,822	27,155	4,115
Cortés	10,573	177,923	20,513	22,264	7,766	23,209	90,177	11,563	2,431
Choluteca	16,884	238,172	34,725	8,228	10,797	40,088	116,275	24,319	3,740
El Paraíso	14,240	243,479	31,233	15,445	7,961	68,246	64,091	54,005	2,508
Francisco Morazán	17,572	184,170	31,528	8,966	5,472	20,453	52,616	63,183	1,952
Gracias a Dios	1,349	12,018	2,093	1,949	1,462	2,610	1,149	2,628	127
Intibucá	11,521	110,003	17,005	5,068	7,341	16,807	17,949	43,933	1,900
Islas de la Bahía	413	10,526	203	1,313	442	950	2,925	4,616	77
La Paz	8,476	78,409	12,122	5,992	8,225	13,568	18,531	19,687	284
Lempira	17,354	134,189	24,968	9,788	14,174	30,394	28,911	24,502	1,452
Ocoatepeque	4,896	80,017	7,304	3,605	2,623	21,154	31,365	13,307	659
Olancho	13,733	229,533	36,906	16,168	8,001	40,794	86,702	39,652	1,310
Santa Bárbara	16,132	265,937	25,376	34,279	16,436	59,867	90,949	36,482	2,548
Valle	8,258	66,290	16,423	709	6,167	13,384	16,271	12,456	880
Yoro	12,115	249,088	25,562	28,635	7,672	31,831	73,913	80,015	1,460

Source: Censo Nacional Agrícola 1965 - 1966

\* Total Number of Farms Studied

Table P-3 VARIATION INDEX ON LAND USE

(100=1965/66)

Department	No. of Farms	Total Land	Annual Crops	Permanant Crops	Fallow Land	Natural Pasture	Cultivated Pasture	Mountain & Forest	Others
Total	109.5	75.9	74.8	77.8	43.6	76.6	87.3	82.7	29.8
Atlántida	155.6	107.8	111.6	83.1	75.3	142.9	134.5	103.0	39.0
Colón	134.0	122.3	142.3	85.5	55.8	133.7	147.2	135.2	51.4
Comayagua	92.4	61.5	65.5	67.4	41.6	47.9	74.5	65.4	19.0
Copán	112.9	68.9	74.5	88.6	42.8	45.4	95.8	61.0	42.0
Cortés	117.3	64.2	87.6	71.1	37.2	44.9	80.8	35.2	46.4
Choluteca	113.4	70.7	57.7	85.2	56.9	56.0	91.9	60.1	39.2
El Paraíso	122.0	86.3	82.6	93.9	64.5	141.5	59.9	99.1	43.9
Francisco Morazán	94.0	54.6	63.0	57.0	23.4	27.1	72.1	69.6	21.2
Gracias a Dios	84.1	76.7	65.3	35.4	32.9	618.4	776.3	142.5	117.5
Intibucá	102.2	65.8	67.8	61.5	50.0	51.0	78.2	75.9	35.0
Islas de la Bahía	162.5	152.9	140.9	91.8	85.5	33.1	300.6	617.1	37.1
La Paz	108.3	80.0	77.4	82.5	55.8	99.4	100.3	96.0	10.5
Lempira	115.7	77.9	74.5	70.8	79.4	104.0	75.0	74.4	23.3
Ocoatepeque	75.6	65.5	60.6	59.6	44.9	65.9	76.6	68.7	11.3
Olancho	131.7	115.9	111.5	80.9	21.4	167.6	152.7	163.9	56.3
Santa Bárbara	102.1	71.5	59.1	81.5	43.9	106.9	68.0	77.8	20.0
Valle	103.0	75.6	66.0	54.5	51.4	71.1	139.3	79.7	26.0
Yoro	109.7	80.8	76.6	92.6	23.6	120.8	92.0	83.4	16.4

Source: Censo Agropecuarios 1965-1966 y 1973-1974 Tomo III de Uso la Tierra

Table P-4 PROGRESS OF THE LAND USE

(unit: 1,000ha)

DESCRIPTION	1951-1952	PARCENTAGE FOR POTENTIAL AREA	1965-1966	PARCENTAGE FOR POTENTIAL AREA	1973-1974	PARCENTAGE FOR POTENTIAL AREA
Basic Grain Crops	277.9	14.9	317.0	15.9	347.4	17.5
Other Annual Crops	18.5	0.9	24.2	1.2	17.5	0.9
Permanent Crops	174.7	8.8	190.0	9.5	224.8	11.3
Total Cultivated Land	471.1	23.7	531.2	26.7	589.7	29.7
Pastures	822.6	41.4	1,127.8	56.7	1,348.0	67.8
Total Agricultural Land	1,293.6	65.0	1,659.1	83.4	1,937.7	97.4
Fallow Land	424.8	21.3	224.4	11.3	140.1	7.0
Grand Total on Agriculture	1,718.4	86.4	1,883.5	94.7	2,077.8	104.5
Mountain	198.8	10.0	-	-	350.4	17.5
Forest	528.6	26.6	658.5	33.1	190.2	9.6
Others	61.6	3.1	70.9	3.6	33.7	1.7
Total Farms	2,507.4	126.1	2,413.5	121.4	2,652.0	133.5
Potential Area	1,988.8	(100.0)	1,988.8	(100.0)	1,988.8	(100.0)

\* Forest area includes mountain area in Census 1965/66  
 Source: Censo Agropecuario 1951-1952, 1965-1966, 1973-1974, D.G.E.C.

Table P-5 Harvested area, Production and Yield on Selected Major Crops

1965 - 1980

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
MAIZE	1965-66	278,655	100	-	236,325	100	-	0.8481	100	-
	1966-67	279,685	100	100	234,681	142	142	1.1966	141	141
	1967-68	280,400	101	100	335,655	142	100	1.1971	141	100
	1968-69	281,115	101	100	336,631	142	100	1.1975	141	100
	1969-70	281,831	101	100	337,610	143	100	1.1979	141	100
	1970-71	282,546	101	100	338,591	143	100	1.1984	141	100
	1971-72	283,261	102	100	339,576	144	100	1.1958	141	100
	1972-73	283,977	102	100	340,563	144	100	1.1992	141	100
	1973-74	287,011	103	101	342,561	145	101	1.1935	141	100
	1974-75	286,284	103	100	343,557	145	100	1.2000	141	101
	1975-76	330,532	119	115	358,129	152	104	1.0835	128	90
	1976-77	380,705	137	115	388,566	164	108	1.0206	120	94
	1977-78	430,878	155	113	419,002	177	108	0.9724	115	95
	1978-79	418,260	150	97	519,254	220	124	1.2415	146	128
1979-80	351,988	126	84	345,582	146	67	0.9818	116	79	
SORGUM	1965-66	60,130	100	-	44,102	100	-	0.7334	100	-
	1966-67	29,654	49	49	39,674	90	90	1.3379	182	182
	1967-68	31,279	52	105	41,267	94	104	1.3193	180	99
	1968-69	32,904	55	105	42,860	97	104	1.3026	178	99
	1969-70	34,530	57	105	44,454	101	104	1.2874	176	99
	1970-71	36,155	60	105	46,047	104	104	1.2736	174	99
	1971-72	37,780	63	104	47,640	108	103	1.2610	172	99
	1972-73	39,405	66	104	49,234	112	103	1.2494	170	99
	1973-74	52,802	88	134	40,624	92	83	0.7694	105	62
	1974-75	42,655	71	81	52,420	119	129	1.2289	168	160
	1975-76	55,605	92	130	52,271	119	100	0.9400	128	76
	1976-77	60,702	100	109	43,753	99	84	0.7208	98	77
	1977-78	65,799	109	108	35,236	80	81	0.5355	73	74
	1978-79	73,554	122	112	52,998	120	150	0.7205	98	134
1979-80	51,676	86	70	37,916	86	72	0.7337	100	102	

Source: Anuario Estadístico de 1977. Y 1980 D.G.E.C



Table P-6 Harvested area, Production and Yield on Selected Major Crops

1965 - 1980

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
PADDY	1964-66	7,798	100	-	9,209	100	-	1.1809	100	-
	1966-67	9,280	119	119	11,195	122	122	1.2064	102	102
	1967-68	9,711	124	105	11,968	130	107	1.2324	104	102
	1968-69	10,191	131	105	12,794	139	107	1.2554	106	102
	1969-70	10,694	137	105	13,678	149	107	1.2790	108	102
	1970-71	11,222	143	105	14,622	159	107	1.3030	110	102
	1971-72	11,776	151	105	15,632	170	107	1.3274	112	102
	1972-73	12,358	158	105	16,711	181	107	1.3522	115	102
	1973-74	13,549	173	110	19,913	216	119	1.4697	124	109
	1974-75	14,218	182	105	21,288	231	107	1.4973	127	102
	1975-76	20,692	266	146	34,584	376	162	1.6714	142	112
	1976-77	17,998	230	87	27,519	299	80	1.5290	129	91
	1977-78	15,304	196	85	20,454	222	74	1.3365	113	87
	1978-79	15,618	200	102	28,058	304	137	1.7965	152	134
	1979-80	20,294	260	130	24,381	265	87	1.2014	102	67
KIDNEY BEANS	1965-66	65,550	100	-	39,037	100	-	0.5955	100	-
	1966-67	69,788	106	106	53,082	136	136	0.7606	128	128
	1967-68	73,387	112	105	50,486	129	95	0.6879	116	90
	1968-69	72,803	112	99	47,891	123	95	0.6578	110	96
	1969-70	72,219	110	99	45,295	116	95	0.6272	105	95
	1970-71	71,635	109	99	42,699	109	94	0.5961	100	95
	1971-72	71,050	108	99	40,103	103	94	0.5644	95	95
	1972-73	70,466	107	99	37,508	96	94	0.5323	89	94
	1973-74	62,075	95	88	34,148	87	91	0.5501	92	103
	1974-75	62,015	95	100	33,299	85	98	0.5370	90	98
	1975-76	73,525	112	119	32,406	83	97	0.4407	74	82
	1976-77	75,111	115	102	30,968	79	96	0.4123	69	94
	1977-78	76,696	170	102	29,529	76	95	0.3850	65	93
	1978-79	81,305	124	106	43,839	112	148	0.5392	91	140
	1979-80	59,789	91	74	28,527	73	65	0.4771	80	88

Table P-7 Harvested area, Production and Yield on Selected Major Crops  
1965 - 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
SESAME	1965-66	259	100	-	214	100	-	0.8263	100	-
	1966-67	934	361	361	700	327	327	0.7495	91	91
	1967-68	984	379	105	722	337	103	0.7337	89	98
	1968-69	1,034	399	105	744	348	103	0.7195	87	98
	1969-70	1,084	418	105	766	358	103	0.7066	86	98
	1970-71	1,134	437	105	788	368	103	0.6949	84	98
	1971-72	1,185	457	104	810	379	103	0.6835	83	98
	1972-73	1,235	476	104	830	388	102	0.6721	81	98
	1973-74	1,379	532	112	946	442	114	0.6860	83	102
	1974-75	1,335	515	97	876	409	93	0.6562	79	96
	1975-76	1,385	534	104	898	410	103	0.6484	78	99
	1976-77	1,436	554	104	919	429	102	0.6400	77	99
	1977-78	1,486	573	103	941	440	102	0.6332	77	99
	1978-79	1,536	593	103	1,104	516	117	0.7188	87	114
	1979-80	4,434	1,711	288	1,698	793	154	0.3829	46	53
WATER MELON	1965-66	462	100	-	1,662	100	-	3.5974	100	-
	1966-67	528	114	114	1,993	120	120	3.7746	105	105
	1967-68	573	124	109	2,272	137	114	3.9650	110	105
	1968-69	577	125	101	2,203	133	97	3.8180	106	96
	1969-70	637	138	110	2,658	160	121	4.1727	116	109
	1970-71	697	151	109	3,112	187	117	4.4648	124	107
	1971-72	757	164	109	3,566	215	115	4.7107	131	106
	1972-73	863	187	114	4,379	263	123	5.0742	141	108
	1973-74	1,093	237	127	7,723	465	176	7.0659	196	139
	1974-75	1,187	257	109	8,806	530	114	7.4187	206	105
	1975-76	1,288	279	109	10,041	604	114	7.7958	216	105
	1976-77	1,398	303	109	11,449	689	114	8.1896	227	105
	1977-78	1,517	328	109	13,054	785	114	8.6051	239	105
	1978-79	1,605	347	106	14,607	879	112	9.1009	253	106
	1979-80	988	213	62	14,247	857	98	14.4200	401	158

Table P-8 Harvested area, Production and Yield on Selected Major Crops

1965 ~ 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield		
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth	
MELON	1965-66	112	100	-	443	100	-	3.9554	100	-	
	1966-67	130	116	116	482	109	109	3.7077	94	94	
	1967-68	145	129	112	500	113	104	3.4483	87	93	
	1968-69	162	145	112	518	117	104	3.1975	81	93	
	1969-70	181	162	112	537	121	104	2.9613	75	93	
	1970-71	201	179	111	556	126	104	2.7662	70	93	
	1971-72	224	200	111	576	130	104	2.5714	65	93	
	1972-73	250	223	112	597	135	104	2.3880	60	93	
	1973-74	365	326	146	647	146	108	1.7726	45	74	
	1974-75	407	363	112	670	151	104	1.6462	42	93	
	1975-76	454	405	112	694	157	104	1.5286	39	93	
	1976-77	505	451	111	719	162	104	1.4238	36	93	
	1977-78	563	503	111	745	168	104	1.3233	33	93	
	1978-79	701	626	125	959	216	129	1.3680	121	103	
	1979-80	671	599	96	3,218	726	336	4.7958	350	350	
	TOMATO	1965-66	284	100	-	800	100	-	2.8169	100	-
		1966-67	770	271	271	1,601	200	200	2.0792	74	74
		1967-68	871	307	113	2,607	326	163	2.9931	106	144
		1968-69	972	342	112	3,613	452	139	3.7171	132	124
1969-70		1,073	378	110	4,620	578	128	4.3057	153	116	
1970-71		1,174	413	109	5,626	703	122	4.7922	170	111	
1971-72		1,275	449	109	6,632	829	118	5.2016	185	109	
1972-73		1,376	484	108	7,639	955	115	5.5516	197	107	
1973-74		1,560	549	113	7,081	885	93	4.5391	161	82	
1974-75		1,578	556	101	9,651	121	136	6.1160	217	135	
1975-76		2,065	727	131	9,777	122	101	4.7346	168	77	
1976-77		2,376	837	115	11,488	1,436	118	4.8350	172	102	
1977-78		2,734	963	115	13,499	1,687	118	4.9375	175	102	
1978-79		2,781	979	102	14,285	1,786	106	5.1366	182	104	
1979-80		1,618	570	58	28,055	3,507	196	17.3393	616	338	

Table P-9 Harvested area, Production and Yield on Selected Major Crops

1965 - 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
CABBAGE	1965-66	254	100	-	2,439	100	-	9.6024	100	-
	1966-67	591	233	233	4,462	183	183	7.5499	79	79
	1967-68	604	238	102	4,398	180	99	7.2815	76	96
	1968-69	617	243	102	4,334	178	99	7.0243	73	96
	1969-70	630	248	102	4,270	175	99	6.7778	71	96
	1970-71	644	254	102	4,205	172	98	6.5295	68	96
	1971-72	657	259	102	4,141	170	98	6.3029	66	97
	1972-73	670	264	102	4,077	167	98	6.0851	63	97
	1973-74	550	217	82	1,284	52	31	2.3345	24	38
	1974-75	549	216	100	1,139	47	89	2.0747	22	89
	1976-77	549	216	100	1,150	47	101	2.0947	22	101
	1977-78	548	216	100	1,162	48	101	2.1204	22	101
	1978-79	547	215	100	1,174	48	101	2.1463	22	101
	1979-80	574	226	105	1,463	60	125	2.5488	27	119
1980-81	293	115	51	2,468	101	169	8.4232	88	330	
ONION	1965-66	225	100	-	1,012	100	-	4.4978	100	-
	1966-67	259	115	115	1,104	109	109	4.2625	95	95
	1967-68	282	125	109	1,145	113	104	3.8571	86	90
	1968-69	308	137	109	1,188	117	104	3.9487	88	102
	1969-70	312	139	101	1,232	122	104	3.6724	82	93
	1970-71	348	155	112	1,278	126	104	3.8307	85	104
	1971-72	384	171	110	1,471	145	115	3.5490	79	93
	1972-73	439	195	114	1,558	154	106	2.6010	58	73
	1973-74	574	255	131	1,493	148	96	3.3873	75	130
	1974-75	457	203	80	1,548	153	104	3.2576	72	96
	1975-76	493	219	108	1,606	159	104	3.1493	70	97
	1976-77	529	235	107	1,666	165	104	3.0584	68	97
	1977-78	565	251	107	1,728	171	104	3.3420	74	109
	1978-79	614	273	109	2,052	203	119	5.3182	118	159
1979-80	342	152	56	1,287	127	63				



Table P-11 Harvested area, Production and Yield on Selected Major Crops

1965 - 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
	1965-66	22,202	100	-	1,202,437	100	-	54.1589	100	-
	1966-67	23,174	104	104	909,881	76	76	39.2630	72	72
	1967-68	22,589	102	97	898,054	75	99	39.7563	73	101
	1968-69	22,019	99	97	886,381	74	99	40.2553	74	101
	1969-70	21,463	97	97	874,860	73	99	40.7613	75	101
	1970-71	20,922	94	97	863,489	72	99	41.2718	76	101
	1971-72	20,394	92	97	852,265	71	99	41.7900	77	101
	1972-73	19,879	90	97	841,187	70	99	42.3154	78	101
	1973-74	18,924	85	95	819,979	68	97	43.3301	80	102
	1974-75	18,813	85	99	852,779	71	104	45.3292	84	105
	1975-76	19,192	86	102	886,890	74	104	46.2114	86	102
	1976-77	19,576	88	102	922,365	77	104	47.1171	87	102
	1977-78	19,968	90	102	959,260	80	104	48.0399	89	102
	1978-79	20,298	91	102	1,004,398	84	104	49.4826	91	103
	1979-80	20,903	94	103	970,721	81	97	46.4393	86	94
	1965-66	4,572	100	-	148,402	100	-	32.4589	100	-
	1966-67	5,175	113	113	101,293	68	68	19.5735	60	60
	1967-68	5,421	119	105	104,328	70	103	19.2452	59	98
	1968-69	5,960	130	110	107,392	72	103	18.0188	56	94
	1969-70	6,289	138	106	110,399	74	103	17.5543	54	97
	1970-71	6,618	145	105	113,434	76	103	17.1402	53	98
	1971-72	6,947	152	105	116,469	78	103	16.7654	52	98
	1972-73	6,837	150	98	119,505	81	103	17.4792	54	104
	1973-74	7,629	167	112	51,483	35	43	6.7483	21	39
	1974-75	7,934	174	104	54,057	36	105	6.8133	21	101
	1975-76	8,263	181	104	56,760	38	105	6.8692	21	101
	1976-77	8,592	188	104	59,598	40	105	6.9365	21	101
	1977-78	8,921	195	104	62,578	42	105	7.0147	22	101
	1978-79	9,014	197	101	64,096	43	102	7.1107	22	101
	1979-80	5,625	123	62	87,463	59	136	15.5490	48	219

Table P-12 Harvested area, Production and Yield on Selected Major Crops

1965 - 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield	
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth
COFFEE	1965-66	80,645	100	-	32,195	100	-	0.3992	100	-
	1966-67	92,947	115	115	33,569	104	104	0.3612	90	90
	1967-68	94,881	118	102	35,041	109	104	0.3693	93	102
	1968-69	96,815	120	102	36,512	113	104	0.3771	94	102
	1969-70	98,749	122	102	37,984	118	104	0.3847	96	102
	1970-71	100,683	125	102	39,456	123	104	0.3919	98	102
	1971-72	102,617	127	102	40,927	127	104	0.3988	100	102
	1972-73	104,551	130	102	42,399	132	104	0.4055	102	102
	1973-74	101,589	126	97	41,778	130	99	0.4112	103	101
	1974-75	108,419	134	107	45,342	141	109	0.4182	105	102
	1975-76	110,353	137	102	46,814	145	103	0.4242	106	101
	1976-77	112,287	139	102	48,285	150	103	0.4300	108	101
	1977-78	114,221	142	102	49,757	155	103	0.4356	109	101
	1978-79	114,651	142	100	59,796	186	120	0.5215	131	120
1979-80	152,614	189	133	58,563	182	98	0.3837	96	74	
COCONUTS	1965-66	1,649	100	-	9,730	100	-	5.9005	100	-
	1966-67	1,908	116	116	10,845	111	111	5.6840	96	96
	1967-68	2,168	131	114	11,959	123	110	5.5161	93	97
	1968-69	2,427	147	112	13,073	134	109	5.3865	91	98
	1969-70	2,686	163	111	14,187	146	109	5.2818	90	98
	1970-71	2,946	179	110	15,302	157	108	5.1941	88	98
	1971-72	3,205	194	109	16,416	169	107	5.1219	87	99
	1972-73	3,464	210	108	17,530	180	107	5.0606	86	99
	1973-74	3,857	234	111	16,570	170	95	4.2960	73	85
	1974-75	4,127	250	133	16,944	174	102	4.1056	70	96
	1975-76	4,417	268	107	17,325	178	102	3.9223	66	96
	1976-77	4,726	287	107	17,715	182	102	3.7484	64	96
	1977-78	5,057	307	107	18,114	186	102	3.5820	61	96
	1978-79	5,001	303	99	19,824	204	109	3.9640	67	111
1979-80	4,957	301	99	19,468	200	98	3.9274	67	99	

Table P-13 Harvested area, Production and Yield on Selected Major Crops

1965 ~ 1978

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield		
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth	
SUGAR CANE	1965-66	28,306	100	-	714,073	100	-	25.2269	100	-	
	1966-67	28,037	99	99	730,021	102	102	26.0378	103	103	
	1967-68	27,770	98	99	903,541	127	124	32.5366	129	125	
	1968-69	30,571	108	110	926,878	130	103	30.3189	120	93	
	1969-70	30,228	107	99	950,216	133	103	31.4350	125	104	
	1970-71	26,985	95	89	797,456	112	84	29.8349	118	95	
	1971-72	26,729	94	99	815,266	114	102	30.5012	121	102	
	1972-73	26,474	94	99	833,474	117	102	31.4827	125	103	
	1973-74	25,982	92	98	873,644	122	105	33.6250	133	107	
	1974-75	25,734	91	99	893,156	125	102	34.7072	138	103	
	1975-76	28,170	99	109	913,104	128	102	32.4141	128	93	
	1976-77	27,827	98	99	933,497	131	102	33.5464	133	103	
	1977-78	27,484	97	99	954,346	134	102	34.7237	138	104	
	1978-79	30,467	108	111	1,190,455	167	125	39.0736	155	113	
	1979-80	23,645	83	78	1,411,065	198	119	58.6771	237	153	
	CASSAVA	1965-66	3,851	100	-	24,548	100	-	6.3744	100	-
		1966-67	4,173	108	108	24,865	101	101	5.9585	93	93
1967-68		4,622	120	111	31,578	129	127	6.8321	107	115	
1968-69		4,661	121	101	29,959	122	95	6.4276	101	294	
1969-70		3,813	99	82	28,341	115	95	7.4327	117	116	
1970-71		3,700	96	97	26,722	109	94	7.2222	113	97	
1971-72		3,591	93	97	25,104	102	94	6.9908	110	97	
1972-73		3,485	90	97	13,860	56	55	3.9770	62	57	
1973-74		3,290	85	94	11,258	46	81	3.4219	54	86	
1974-75		3,193	83	97	10,213	42	91	3.1986	50	93	
1975-76		3,099	80	97	9,265	38	91	2.9897	47	93	
1976-77		3,008	78	97	8,405	34	91	2.7942	44	93	
1977-78		2,918	76	97	7,625	31	91	2.6131	41	94	
1978-79		2,995	78	103	8,600	35	113	2.8715	45	110	
1979-80		1,294	34	43	7,193	29	84	5.5587	87	194	



Table P-14 Harvested area, Production and Yield on Selected Major Crops  
1965 - 1980

Crops	Year	Harvested Area (ha)	Index of Area		Production (ton)	Index of Production		Yield (ton/ha)	Index of Yield		
			1965/66=100	Annual Growth		1965/66=100	Annual Growth		1965/66=100	Annual Growth	
ARTICHOKE	1965-66	420	100	-	2,355	100	-	5.6071	100	-	
	1966-67	618	147	147	3,423	145	145	5.5388	99	99	
	1967-68	485	115	78	2,707	115	79	5.5814	100	101	
	1968-69	591	141	122	3,628	154	134	6.1387	109	110	
	1969-70	577	137	98	3,731	158	103	6.4662	115	105	
	1970-71	563	134	98	3,833	163	103	6.8082	121	105	
	1971-72	549	131	98	3,936	167	103	7.1694	128	105	
	1972-73	535	127	97	4,038	171	103	7.5477	135	105	
	1973-74	688	164	129	3,752	159	93	5.4535	97	72	
	1974-75	720	171	105	3,923	167	105	5.4486	97	100	
	1975-76	754	180	105	4,102	174	105	5.4403	97	100	
	1976-77	791	188	105	4,289	182	105	5.4223	97	100	
	1977-78	830	198	105	4,484	190	105	5.4024	96	100	
	1978-79	814	194	98	5,835	248	130	7.1683	128	133	
	1979-80	594	141	73	6,323	268	108	10.6448	190	148	
	COTTON	1965-66	14,293	100	-	32,511	100	-	2.2746	100	-
		1966-67	13,944	98	98	9,958	31	31	0.7141	31	31
1967-68		11,155	78	80	8,347	26	84	0.7483	33	105	
1968-69		10,109	71	91	7,695	24	92	0.7612	33	102	
1969-70		3,958	28	39	3,205	9	42	0.8098	36	106	
1970-71		3,252	23	82	2,053	6	64	0.6313	28	78	
1971-72		3,637	25	112	2,290	7	112	0.6296	28	100	
1972-73		7,240	51	199	4,267	13	186	0.5894	26	94	
1973-74		6,084	43	84	11,847	36	278	1.9472	86	330	
1974-75		8,210	57	135	5,129	16	43	0.6247	27	32	
1975-76		4,600	32	56	3,096	10	60	0.6730	30	108	
1976-77		10,245	72	223	6,350	20	205	0.6198	27	92	
1977-78		17,707	124	173	11,386	35	179	0.6430	28	104	
1978-79		13,271	93	75	12,937	40	114	0.9748	43	152	
1979-80		12,730	89	96	23,150	71	179	1.8185	80	187	

Table P-15 RICE: PRODUCTION, AREA, YIELD, EXPORT AND IMPORT

Year	Production (ton)	Harvested Area (ha)	Yield (ton/ha)	Year	Export		Import	
					ton	1000 Lps.*	ton	1000 Lps.
1960-61	12,693	9,426	1.3466	1960	381	121	1	513
1961-62	11,926	9,081	1.3133	1961	506	82	2	579
1962-63	12,334	9,635	1.2801	1962	792	189	0.9	357
1963-64	10,586	8,490	1.2469	1963	108	29	1,705	705
1964-65	9,858	8,122	1.2137	1964	289	74	2	741
1965-66	9,209	7,798	1.1809	1965	2,013	503	1,506	472
1966-67	11,195	9,280	1.2064	1966	130	24	8,964	2,623
1967-68	11,968	9,711	1.2324	1967	234	61	6,184	2,184
1968-69	12,794	10,191	1.2554	1968	2,154	881	7,284	2,298
1969-70	13,678	10,694	1.2790	1969	40	11	9,156	2,330
1970-71	14,622	11,222	1.3030	1970	-	-	10,299	2,904
1971-72	15,632	11,776	1.3274	1971	-	160	2,705	1,034
1972-73	16,711	12,358	1.3522	1972	-	-	4,560	2,074
1973-74	19,913	13,549	1.4697	1973	4	1	485	185
1974-75	21,288	14,218	1.4973	1974	-	-	1,187	1,314
1975-76	34,584	20,692	1.6714	1975	-	-	11,331	9,001
1976-77	27,519	17,998	1.5290	1976	17	3,257	1,343	1,239
1977-78	25,594	16,981	1.5072	1977	-	-	6,660	3,235
1978-79	31,484	16,922	1.8605	1978	-	-	13,038	8,046
1979-80	31,655	19,118	1.6558	1979	-	-	4,927	3,945
1980-81	35,857	19,599	1.8295	1980	-	-	780	100
1981-82	36,636	21,127	1.7341	1981	-	-	823	60

SOURCE: COMERCIO EXTERIOR D.G.E.C., ANUARIO ESTADISTICO D.G.E.C.  
1975-82, Pronósticos de Cosechas de Granos Básicos convalidado

\* Lps = Lempiras (1US\$ = 2 Lempiras)

Table P-16

RICE: DEMAND AND SUPPLY

(unit: quintal)

Year	Total Consumption	Food Consumption	Industrial Consumption	Import	Production	Total
1970	455,357	446,250	9,107	227,052	322,419	549,471
1971	472,436	462,633	9,803	59,634	344,680	404,314
1972	484,247	473,822	10,425	100,530	368,478	469,008
1973	508,459	497,100	11,359	-	439,076	439,076
1974	536,425	523,996	12,429	26,169	469,392	495,561
1975	568,610	554,941	13,669	249,803	762,567	1,012,370
1976	582,825	568,289	14,536	29,608	606,787	636,395
1977	630,374	614,066	16,308	146,826	564,352	711,178
1978	648,434	631,030	17,404	287,436	694,218	981,654
1979	669,140	650,504	18,636	108,621	697,983	806,604
1980	698,496	678,309	20,187	-	790,647	790,647
1981	788,825	765,177	23,648	18,143	807,816	825,959

Source: Departamento de Estudios Económicos B.C.

\* qq = quintal = 46 kg

Table P-17

## PLANTING AREA OF PRINCIPAL CROPS BY CENSUS

(unit: 1,000ha)

Crops	(unit: 1,000ha)				
	1951-1952	1965-1966	1973-1974	Growth Ratio (%) 1974/1952	Growth Ratio (%) 1974/1965
Maize	253.5	247.9	283.4	11.7	14.3
Paddy	10.9	7.8	14.8	35.7	89.7
Sorghum	62.1	33.9	32.5	-47.7	-4.2
Wheat	1.4	0.6	-	-	-
Kidney Beans	50.1	57.2	58.1	16.0	1.5
Cassava	3.4	3.9	3.6	5.8	-7.7
Sweet Potato	0.5	0.3	0.3	-40.0	0
Banana (cooking)	8.7	6.2	8.8	1.1	41.9
Tomato	-	0.3	1.6	-	443.3
Onion	-	0.2	0.6	-	200.0
Garlic	-	0.1	0.9	-	800.0
Cabbage	-	0.3	0.6	-	100.0
Artichoke	1.0	0.4	0.7	-30.0	75.0
Banana (fruits)	27.9	25.3	19.3	-30.9	-23.8
Water Melon	-	0.5	1.2	-	140.0
Melon	-	0.1	0.4	-	300.0
Other Bananas	28.8	6.4	2.9	-90.0	-54.7
Avocado	-	-	0.2	-	-
Mango	-	-	0.6	-	-
Zapote	-	-	-	-	-
Pineapple	-	-	1.4	-	-
Citrus	-	-	0.2	-	-
Sesame	0.5	0.3	1.5	200.0	400.0
Oil Palm	0.4	-	-	-	-
Coconuts	-	-	4.2	-	-
Cotton	1.6	14.3	6.28	292.5	-56.1
Coffee	68.1	108.3	115.8	70.0	6.9
Tobacco	3.8	3.1	3.0	-21.1	-3.3
Sugar Cane	24.0	-	28.7	19.5	-
Other Crops	6.4	-	-	-	-
Pasture	822.6	1,127.8	1,347.8	63.8	19.5

Source: Censo Agropecuario 1951-52, 1965-66, 1973-74, D.G.E.C.

Table P-18

MAIZE: PRODUCTION AND YIELD BY REGION

REGION	Production (1,000 ton)		Yield (ton/ha)	
	1977/78	1978/79	1977/78	1978/79
Sur	13.8	24.5	0.32	0.48
Central	16.5	32.1	0.46	1.02
Nor Occidental	182.0	218.7	1.21	1.41
Norte	47.2	53.4	1.91	1.87
Olancho	69.5	82.7	1.39	1.74
Centro Oriental	30.5	36.0	0.58	0.96
Occidental	60.3	94.6	0.82	1.31
Total	419.8	542.0	0.97	1.28

Source: Encuestas de Pronósticos de Cosechas. Dirección General de Estadísticas y Censos.

Table P-19

KIDNEY BEANS: PRODUCTION AND YIELD BY REGION

REGION	Production (1,000 ton)		Yield (ton/ha)	
	1977/78	1978/79	1977/78	1978/79
Sur	0.57	1.02	0.15	0.20
Central	3.15	4.47	0.24	0.25
Nor Occidental	9.04	13.45	0.52	0.67
Norte	1.28	2.69	0.80	0.73
Olancho	4.37	9.06	0.63	0.91
Centro Oriental	6.01	7.45	0.25	0.44
Occidental	5.16	5.69	0.53	0.71
Total	29.5	43.83	0.38	0.54

Source: Encuestas de Pronósticos de Cosechas. Dirección General de Estadísticas y Censos.

Table P-20

PADDY: PRODUCTION AND YIELD BY REGION

REGION	Production (1,000 ton)		Yield (ton/ha)	
	1977/78	1978/79	1977/78	1978/79
Sur	1.09	0.70	1.25	1.15
Central	2.93	2.18	1.01	1.32
Nor Occidental	7.69	14.21	1.73	2.70
Norte	5.62	4.64	1.57	1.50
Olancho	0.90	3.15	1.32	1.90
Centro Oriental	0.32	0.17	0.74	0.59
Occidental	1.94	1.26	0.81	1.11
Total	20.49	26.32	1.34	1.76

Source: Encuestas de Pronósticos de Cosechas. Dirección General de Estadísticas y Censos.

Table P-20

PADDY: PRODUCTION AND YIELD BY REGION

REGION	Production (1,000 ton)		Yield (ton/ha)	
	1977/78	1978/79	1977/78	1978/79
Sur	1.09	0.70	1.25	1.15
Central	2.93	2.18	1.01	1.32
Nor Occidental	7.69	14.21	1.73	2.70
Norte	5.62	4.64	1.57	1.50
Olancho	0.90	3.15	1.32	1.90
Centro Oriental	0.32	0.17	0.74	0.59
Occidental	1.94	1.26	0.81	1.11
Total	20.49	26.32	1.34	1.76

Source: Encuestas de Pronósticos de Cosechas. Dirección General de Estadísticas y Censos.



Table P-21

SORGHUM: PRODUCTION AND YIELD BY REGION

REGION	Production (1,000 ton)		Yield (ton/ha)	
	1977/78	1978/79	1977/78	1978/79
Sur	15.9	24.8	0.48	0.63
Central	3.8	8.9	0.46	0.68
Nor Occidental	-	-	-	-
Norte	-	-	-	-
Olancho	-	-	-	-
Centro Oriental	9.1	10.9	0.55	0.67
Occidental	6.3	4.3	0.79	1.16
Total	35.2	50.3	0.53	0.68

Source: Encuestas de Pronósticos de Cosechas. Dirección General de Estadísticas y Censos.

Table P-22

DISTRIBUTION OF THE FARM SIZE

Farm Size (ha)	No. of Farms	%	Area (ha)	%
Less than 5	124,781	63.9	238,993	9.1
5 - 10	28,264	14.5	201,274	7.6
10 - 20	19,220	9.8	268,145	10.2
20 - 50	15,170	7.8	461,216	17.5
Over 50	7,906	4.8	1,460,231	55.6
Total	195,341	100.0	2,629,859	100.0

Source: Censo Nacional Agropecuario, 1974, D.G.E.C.

Table P-23

MAIZE: NUMBER OF FARMS, CULTIVATION AREA AND  
PRODUCTION BY FARM SIZE

Farm Size (ha)	No. of Farms	%	Area (ha)	%	Production (ton)	%
Less than 5	123,446	64	118,065	41	139,068	41
5 - 10	28,049	15	44,560	16	51,970	15
10 - 20	19,066	10	38,222	13	46,013	13
20 - 50	14,445	8	39,307	14	48,845	14
Over 50	6,592	3	46,867	16	57,442	17
<b>Total</b>	<b>191,598</b>	<b>100</b>	<b>287,021</b>	<b>100</b>	<b>343,339</b>	<b>100</b>

Source: Censo Nacional Agropecuario, 1974, D.G.E.C.

Table P-24 KIDNEY BEANS: NUMBER OF FARMS, CULTIVATION AREA,  
AND PRODUCTION BY FARM SIZE

Farm Size (ha)	No. of Farms	%	Area (ha)	%	Production (ton)	%
Less than 5	38,991	58	25,302	41	14,396	41
5 - 10	11,611	17	10,656	17	5,556	16
10 - 20	8,142	12	8,520	14	5,309	15
20 - 50	6,355	9	8,256	13	4,711	14
Over 50	2,758	4	9,342	15	4,808	14
<b>Total</b>	<b>67,857</b>	<b>100</b>	<b>62,076</b>	<b>100</b>	<b>54,781</b>	<b>100</b>

Source: Censo Nacional Agropecuario, 1974, D.G.E.C.

Table P-25

PADDY: NUMBER OF FARMS, CULTIVATION AREA,  
AND PRODUCTION BY FARM SIZE

Farm Size (ha)	No. of Farms	%	Area (ha)	%	Production (ton)	%
Less than 5	7,476	46	3,841	28	5,443	27
5 - 10	2,896	18	2,036	15	2,858	14
10 - 20	2,528	16	2,077	15	2,761	14
20 - 50	2,255	14	2,457	18	3,591	18
Over 50	938	6	3,141	23	5,306	27
Total	16,093	100	13,550	100	19,958	100

Source: Censo Nacional Agropecuario, 1974, D.G.E.C.

Table P-26

SORGHUM: NUMBER OF FARMS, CULTIVATION AREA,  
AND PRODUCTION BY FARM SIZE

Farm Size (ha)	No. of Farms	%	Area (ha)	%	Production (ton)	%
Less than 5	25,549	66	24,259	47	19,272	47
5 - 10	6,355	16	9,683	17	7,105	17
10 - 20	3,715	10	7,196	13	5,188	13
20 - 50	2,275	6	5,634	10	4,024	10
Over 50	809	2	6,033	13	5,129	13
<b>Total</b>	<b>38,703</b>	<b>100</b>	<b>52,804</b>	<b>100</b>	<b>40,717</b>	<b>100</b>

Source: Censo Nacional Agropecuario, 1974, D.G.E.C.

Table P-27 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (1)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Sesame						Banana					
	1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
Total	371.77	4,727	1,971.97	20,856	31,844.92	26,513,728	27,062.75	40,178,991	31,844.92	26,513,728	27,062.75	40,178,991
Atlántida	0.25	4	12.89	308	1,402.32	722,961	1,021.38	236,622	1,402.32	722,961	1,021.38	236,622
Colón	-	-	20.02	506	4,377.50	3,408,858	5,325.32	9,175,076	4,377.50	3,408,858	5,325.32	9,175,076
Comayagua	0.50	5	10.01	154	822.17	461,337	329.61	66,293	822.17	461,337	329.61	66,293
Copán	-	-	7.15	110	608.05	244,823	223.79	26,840	608.05	244,823	223.79	26,840
Cortés	0.37	7	24.31	506	9,805.68	9,489,003	3,100.24	2,069,882	9,805.68	9,489,003	3,100.24	2,069,882
Choluteca	249.50	3,203	1,248.39	14,102	145.64	64,479	48.62	1,662	145.64	64,479	48.62	1,662
El Paraíso	7.25	98	237.38	572	452.27	248,589	298.15	17,356	452.27	248,589	298.15	17,356
Francisco Morazán	-	-	5.72	88	657.53	277,316	195.19	25,227	657.53	277,316	195.19	25,227
Gracias a Dios	0.50	10	5.72	88	992.69	350,023	813.67	302,231	992.69	350,023	813.67	302,231
Intibucá	16.75	272	24.31	352	675.50	211,885	49.33	5,524	675.50	211,885	49.33	5,524
Islas de la Bahía	-	-	1.43	22	129.35	51,451	114.40	28,820	129.35	51,451	114.40	28,820
La Paz	-	-	-	-	644.93	237,548	69.35	8,653	644.93	237,548	69.35	8,653
Lempira	3.55	56	21.45	330	477.10	173,232	105.10	10,951	477.10	173,232	105.10	10,951
Ocotepeque	0.60	6	4.29	88	246.24	83,589	40.04	3,984	246.24	83,589	40.04	3,984
Olancho	-	-	15.73	330	495.71	313,879	701.77	160,698	495.71	313,879	701.77	160,698
Santa Bárbara	1.25	9	12.87	352	1,729.00	864,171	432.57	55,367	1,729.00	864,171	432.57	55,367
Valle	91.00	1,052	317.46	2,860	10.95	5,338	7.86	1,027	10.95	5,338	7.86	1,027
Yoro	0.25	5	2.86	88	8,172.29	9,305,248	14,186.31	27,982,778	8,172.29	9,305,248	14,186.31	27,982,778

SOURCE: CENSO NACIONAL AGROPECUARIO 1965-1966 Y 1973-1974

1/ La Producción de Banano para 1964-1966 está dada en racimos.

Table P-28 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (2)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Cotton				Tobacco			
	1965 - 1966	1973 - 1974	1965 - 1966	1973 - 1974	1965 - 1966	1973 - 1974	1965 - 1966	1973 - 1974
	Area	Production	Area	Production	Area	Production	Area	Production
Total	20,500.60	716,877	8,701.55	261,228	4,427.93	52,676	4,185.61	70,378
Atlántida	0.25	8	-	-	1.12	20	-	-
Colón	-	-	4.29	132	16.00	171	5.72	176
Comayagua	200.00	4,000	-	-	137.54	1,709	132.99	3,058
Copán	17.66	459	-	-	2,738.96	34,886	2,338.05	39,754
Cortés	-	-	1.43	44	3.06	36	45.76	5,302
Choluteca	14,711.00	530,018	2,858.57	84,502	14.80	210	511.94	1,628
El Paraíso	486.50	13,455	264.55	5,214	125.23	1,738	557.70	11,066
Francisco Morazán	9.50	375	317.46	9,548	12.62	132	18.59	154
Gracias a Dios	4.75	118	2.86	44	-	-	1.43	22
Intibucá	0.24	9	-	-	-	-	-	-
Islas de la Bahía	-	-	1.43	22	-	-	-	-
La Paz	-	-	-	-	3.50	43	2.86	44
Lempira	2.06	73	-	-	48.28	558	54.34	792
Ocatepeque	0.50	17	-	-	659.53	5,865	145.86	1,540
Olancho	1,420.82	41,045	3,792.36	92,928	54.50	667	81.51	1,738
Santa Bárbara	4.57	126	1.43	22	589.54	6,361	-274.56	4,928
Valle	3,642.75	126,174	1,457.17	68,772	-	-	-	-
Yoro	-	-	-	-	23.25	280	14.30	176

SOURCE: CENSO NACIONAL AGROPECUARIO 1965-1966 Y 1973-1974



Table P-29 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (3)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Artichoke						Cassava					
	1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
Total	601.57	51,930	983.84	82,742	5,523.05	541,294	4,704.70	248,248	5,523.05	541,294	4,704.70	248,248
Atlántida	28.81	1,672	10.01	352	612.10	72,592	905.19	59,752	612.10	72,592	905.19	59,752
Colón	5.25	481	7.15	110	944.51	91,377	852.28	51,150	944.51	91,377	852.28	51,150
Comayagua	63.25	4,626	62.92	4,224	828.62	84,391	441.87	36,322	828.62	84,391	441.87	36,322
Copán	38.45	2,822	50.05	1,628	16.89	1,631	47.19	946	16.89	1,631	47.19	946
Cortés	5.81	508	10.01	264	372.34	37,422	264.55	17,864	372.34	37,422	264.55	17,864
Choluteca	3.12	334	8.58	66	549.27	63,419	250.25	6,160	549.27	63,419	250.25	6,160
El Paraíso	78.31	6,121	82.94	2,266	126.48	12,346	95.81	2,530	126.48	12,346	95.81	2,530
Francisco Morazán	200.94	16,524	184.47	8,272	214.38	20,056	85.80	1,870	214.38	20,056	85.80	1,870
Gracias a Dios	9.25	642	8.58	264	892.75	55,286	584.87	26,400	892.75	55,286	584.87	26,400
Intibucá	41.42	8,979	390.39	59,818	108.21	12,065	153.01	5,192	108.21	12,065	153.01	5,192
Islas de la Bahía	-	-	-	-	26.95	2,311	82.94	3,806	26.95	2,311	82.94	3,806
La Paz	2.24	128	27.17	1,254	15.65	1,558	67.21	1,210	15.65	1,558	67.21	1,210
Lempira	13.91	1,187	18.59	330	54.93	5,323	102.96	2,310	54.93	5,323	102.96	2,310
Ocoatepeque	45.85	2,832	45.76	2,662	27.08	2,630	17.16	572	27.08	2,630	17.16	572
Olancho	16.00	1,542	24.31	484	490.49	56,302	520.52	24,046	490.49	56,302	520.52	24,046
Santa Bárbara	32.71	2,100	28.60	418	114.04	8,884	127.27	3,828	114.04	8,884	127.27	3,828
Valle	-	-	2.86	44	7.00	670	18.59	594	7.00	670	18.59	594
Yoro	16.25	1,432	21.45	286	121.36	13,031	87.23	3,696	121.36	13,031	87.23	3,696

SOURCE: CENSO NACIONAL AGROPECUARIO 1965-1966 Y 1973-1974

Table P-30 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (4)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Garlic						Cabbage					
	1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
Total	106.93	4,999	124.41	2,112	363.93	53,796	786.50	28,314	363.93	53,796	786.50	28,314
Atlántida	1.95	78	10.01	154	5.62	660	27.17	748	5.62	660	27.17	748
Colón	1.31	51	4.29	66	2.12	275	20.02	286	2.12	275	20.02	286
Comayagua	10.59	470	15.73	242	28.07	2,951	91.52	4,664	28.07	2,951	91.52	4,664
Copán	10.74	342	-	-	9.24	964	70.07	2,640	9.24	964	70.07	2,640
Cortés	0.50	20	1.43	22	19.93	2,031	62.92	1,408	19.93	2,031	62.92	1,408
Choluteca	3.11	124	10.01	154	1.00	127	15.73	242	1.00	127	15.73	242
El Paraíso	15.26	757	15.73	264	6.99	667	42.90	1,056	6.99	667	42.90	1,056
Francisco Morazán	-	-	1.43	22	133.22	20,476	145.00	6,512	133.22	20,476	145.00	6,512
Gracias a Dios	-	-	1.43	22	-	-	1.43	66	-	-	1.43	66
Intibucá	-	-	2.86	44	98.31	19,994	52.91	2,706	98.31	19,994	52.91	2,706
Islas de la Bahía	-	-	-	-	-	-	-	-	-	-	-	-
La Paz	-	-	1.43	22	3.12	266	34.32	792	3.12	266	34.32	792
Lempira	4.68	181	12.87	198	1.79	218	31.46	506	1.79	218	31.46	506
Ocotepeque	43.56	2,206	20.02	418	9.42	1,030	32.89	1,298	9.42	1,030	32.89	1,298
Olancho	5.75	300	18.59	352	4.12	496	47.19	858	4.12	496	47.19	858
Santa Bárbara	6.73	280	7.15	110	31.06	2,730	71.50	2,772	31.06	2,730	71.50	2,772
Valle	-	-	-	-	-	-	-	-	-	-	-	-
Yoro	2.25	170	1.43	22	9.93	911	41.47	1,760	9.93	911	41.47	1,760

SOURCE: CENSO NACIONAL AGROPECUARIO 1965-1966 Y 1973-1974

Table P-31 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (5)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Tomato						Onion					
	1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
Total	407.95	17,637	2,230.80	156,134	323.08	22,315	820.82	32,912	407.95	17,637	2,230.80	156,134
Atlántida	4.49	145	51.48	1,386	4.31	449	11.44	748	4.49	145	51.48	1,386
Colón	4.37	177	17.16	352	0.62	62	14.30	220	4.37	177	17.16	352
Comayagua	188.80	9,800	1,614.47	118,426	118.09	7,160	265.98	13,200	188.80	9,800	1,614.47	118,426
Copán	40.75	905	24.31	682	37.31	2,390	151.58	8,536	40.75	905	24.31	682
Cortés	54.25	1,733	108.68	8,426	11.25	870	24.31	682	54.25	1,733	108.68	8,426
Choluteca	7.74	270	55.77	1,936	7.25	544	27.17	858	7.74	270	55.77	1,936
El Paraíso	4.73	235	22.88	396	7.24	408	42.90	836	4.73	235	22.88	396
Francisco Morazán	31.25	1,829	51.48	2,596	10.12	905	25.74	528	31.25	1,829	51.48	2,596
Gracias a Dios	1.75	43	1.43	22	-	-	1.43	44	1.75	43	1.43	22
Intibucá	2.58	84	37.18	1,034	3.87	362	15.73	242	2.58	84	37.18	1,034
Islas de la Bahía	2.50	112	2.86	44	-	-	-	-	2.50	112	2.86	44
La Paz	4.87	213	92.95	15,884	1.25	100	20.02	396	4.87	213	92.95	15,884
Lempira	0.80	19	24.31	374	3.94	245	34.32	572	0.80	19	24.31	374
Ocatepeque	11.73	287	8.58	132	63.39	5,951	57.20	3,960	11.73	287	8.58	132
Olancho	3.75	85	32.89	1,034	17.25	1,129	47.19	748	3.75	85	32.89	1,034
Santa Bárbara	27.35	1,078	48.62	1,958	24.76	899	58.63	946	27.35	1,078	48.62	1,958
Valle	0.25	30	7.15	110	-	-	-	-	0.25	30	7.15	110
Yoro	15.99	592	28.60	1,342	12.43	841	22.88	396	15.99	592	28.60	1,342

SOURCE: CENSO NACIONAL AGROPECUARIO 1964-1965 Y 1973-1974

Table P-32 PRODUCTION STATISTICS ON SELECTED CROPS BY DEPARTMENT (6)

Area and Production for 1965-1966, 1973-1974 of Selected Crops

(Unit: Area in Manzanas = 0.699ha, Production in Quintal = 46kg)

Department	Melon				Water Melon			
	1965 - 1966		1973 - 1974		1965 - 1966		1973 - 1974	
	Area	Production	Area	Production	Area	Production	Area	Production
Total	160.02	9,762	521.95	14,256	663.27	36,651	1,562.99	170,302
Atlántida	1.81	75	14.30	396	9.00	496	135.85	7,216
Colón	-	-	4.29	66	7.50	517	30.03	1,694
Comayagua	23.78	1,124	-	-	154.41	7,727	28.60	2,706
Copán	-	-	4.29	66	2.25	119	8.58	528
Cortés	8.43	537	34.32	1,100	17.16	1,044	44.33	2,722
Choluteca	21.00	1,115	207.35	6,578	39.75	2,530	267.41	29,480
El Paraíso	-	-	-	-	12.25	730	11.44	1,122
Francisco Morazán	2.62	430	4.29	66	74.45	4,113	8.58	308
Gracias a Dios	-	-	1.43	22	44.50	2,061	28.60	2,530
Intibucá	0.50	24	5.72	88	14.00	635	38.61	726
Islas de la Bahía	-	-	7.15	110	9.00	540	24.31	726
La Paz	11.25	550	1.43	22	29.80	1,549	15.73	1,408
Lempira	-	-	7.15	110	7.12	309	40.30	748
Ocotepeque	0.20	22	-	-	12.29	739	-	-
Olancho	-	-	1.43	22	-	-	47.19	4,576
Santa Bárbara	38.94	2,672	51.48	836	102.61	5,891	175.89	13,156
Valle	47.25	3,001	193.05	4,686	107.75	6,614	632.06	98,670
Yoro	4.20	212	7.15	88	16.68	882	24.31	1,936

SOURCE: CENSO NACIONAL AGROPECUARIO 1964-1965 Y 1973-1974

Table P-33 AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (MOBIL EQUIPMENT):  
ACTUAL UTILIZATION OF MACHINERY BY TYPE, BY DEPARTMENT (1)

Department	Total Utilized No.	Diesel Tractors		Gasoline Tractors		Sowing Mach.		Cultivator		Mower		Wooden Plough		Iron Plough	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	28,742	1,272	2,593	130	153	324	379	437	610	1,230	1,807	23,093	30,287	1,462	1,834
Atlántida	386	73	166	8	10	12	15	9	11	42	52	14	14	43	50
Colón	231	38	179	1	1	2	2	1	1	19	75	36	37	21	29
Comayagua	1,388	57	82	6	8	10	13	19	26	60	78	1,109	1,572	70	87
Copán	1,598	92	140	9	10	15	16	53	73	79	106	1,385	1,809	142	178
Cortés	877	245	516	22	22	30	35	42	71	161	203	183	228	210	254
Choluleca	2,070	112	212	17	19	44	54	78	123	111	165	1,468	1,945	126	176
El Paraíso	2,911	95	144	9	12	46	62	59	86	103	150	2,574	4,025	123	167
Francisco Morazán	4,570	113	154	28	38	39	44	44	49	127	171	4,241	5,865	149	197
Gracias a Dios	17	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Intibucá	1,961	22	27	2	2	3	3	6	9	31	36	1,768	1,971	68	76
Islas de la Bahía	19	2	4	1	1	-	-	-	-	-	-	-	-	1	1
La Paz	573	15	17	3	3	2	2	4	5	18	26	350	407	32	36
Lempira	2,040	6	7	-	-	1	1	2	4	13	16	1,913	2,212	47	51
Ocoatepeque	1,258	21	21	1	1	4	4	2	3	23	32	1,167	1,510	37	42
Olancho	4,546	130	173	4	4	47	51	45	54	220	281	3,892	4,963	142	172
Santa Bárbara	668	83	175	8	10	28	28	41	52	76	89	350	411	93	116
Valle	2,077	35	45	4	5	17	20	15	22	53	70	1,575	1,789	44	61
Yoro	1,552	133	531	7	7	24	29	17	21	94	257	1,066	1,528	114	141

Source: Censo Nacional Agropecuario 1974

Table P-34

AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (MOBIL EQUIPMENT):  
ACTUAL UTILIZATION OF MACHINERY BY TYPE, BY DEPARTMENT (2)

Department	No. of Farms	Thresher		Dryer		Trailer		Splayer		Carriage and Pair Trancoos		4 Wheel Cart		Equipments for Veterinary	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	28,742	151	182	118	154	446	883	3,029	4,302	564	804	5,937	9,154	2,625	5,055
Atlántida	386	9	10	15	21	19	36	227	278	29	37	76	137	118	173
Colon	231	2	2	-	-	11	25	47	146	16	25	125	725	49	615
Comayagua	1,388	2	2	4	5	11	16	217	468	32	40	162	189	95	152
Copán	1,598	7	8	7	10	16	35	220	448	72	113	64	76	148	233
Cortes	877	36	47	30	41	93	214	335	532	99	171	290	663	318	763
Choluleca	2,070	14	18	14	14	73	107	413	536	38	50	873	1,164	316	466
El Paraíso	2,911	19	25	11	16	58	106	118	181	24	31	442	467	307	586
Francisco Morazán	4,570	17	20	10	17	33	68	165	211	62	80	588	677	136	276
Gracias a Dios	17	-	-	-	-	-	-	6	7	1	4	8	12	6	7
Intibucá	1,961	1	1	2	2	7	7	148	280	14	16	212	235	54	86
Islas de la Bahía	19	-	-	-	-	-	-	12	13	1	1	1	1	5	11
La Paz	573	3	3	-	-	2	5	73	100	14	16	202	234	92	105
Lempira	2,040	1	2	-	-	1	4	84	98	2	2	28	30	62	86
Ocatepeque	1,258	4	5	2	2	2	2	60	81	6	6	20	20	107	154
Olancho	4,546	10	11	8	8	56	69	149	185	35	38	1,214	1,315	301	544
Santa Bárbara	668	12	13	-	7	20	32	166	275	54	90	180	511	190	277
Valle	2,077	6	6	4	4	18	21	414	532	24	27	1,110	1,166	109	133
Yoro	1,552	8	9	4	7	26	136	155	431	41	57	342	1,536	212	388

Source: Censo Nacional Agropecuario 1974

Table P-35

AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (FIXED EQUIP.)  
ACTUAL UTILIZATION BY TYPE, BY DEPARTMENT (1)

Department	No. of Farms	Motors for Agriculture Use																	
		Electrics			Diesel			Gasoline			Grass Chopper			Pulper		Thresher		Dryer	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	16,646	394	685	681	964	882	1,214	689	776	9,766	10,619	692	730	132	175				
Atlántida	272	16	34	21	29	35	47	25	27	27	28	23	23	2	2				
Colon	102	10	41	10	18	10	12	5	6	5	5	5	5	-	-				
Comayagua	1,032	14	24	51	76	103	129	34	39	566	698	33	33	7	9				
Copán	1,872	24	27	40	59	43	60	46	57	1,365	1,445	89	95	14	18				
Cortes	1,451	93	146	118	181	190	330	183	209	737	781	82	84	7	7				
Choluleca	468	32	70	56	81	53	75	53	69	72	81	41	41	3	3				
El Paraiso	1,373	24	48	54	78	81	99	52	54	1,089	1,176	54	59	19	42				
Francisco Morazán	820	52	98	76	92	75	93	74	85	185	56	60	10	10	13				
Gracias a Dios	142	-	-	1	1	2	2	-	-	5	5	3	3	1	1				
Intibucá	423	5	6	27	35	21	44	4	4	64	76	9	9	2	2				
Islas de la Bahía	17	1	1	-	-	-	-	-	-	-	-	1	1	-	-				
La Paz	284	11	14	20	36	50	61	8	9	116	146	11	11	6	6				
Lempira	1,817	2	2	20	23	9	9	9	10	672	711	49	53	4	4				
Ocatepeque	851	6	6	7	7	18	18	15	16	555	593	32	33	6	6				
Olancho	769	19	24	32	37	41	47	20	20	423	447	35	40	17	23				
Santa Bárbara	3,866	40	53	100	135	103	127	109	120	3,364	3,665	118	126	26	31				
Valle	64	6	7	8	8	5	9	6	6	1	1	1	1	1	1				
Yoro	1,023	39	84	40	68	43	52	40	45	520	559	50	53	7	7				

Source: Censo Nacional Agropecuario 1974

Table P-36 AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (FIXED EQUIPMENT)  
ACTUAL UTILIZATION BY TYPE, BY DEPARTMENT (2)

Department	No. of Farms	Sugar Mill		Pump		Mill		Mixer		Electric Power Plant		Others	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	16,646	4,196	4,271	1,802	2,548	720	764	63	74	311	381	805	1,621
Atlantida	272	50	51	123	143	10	10	-	-	18	19	10	11
Colon	102	33	40	48	65	1	1	8	8	15	22	12	21
Comayagua	1,032	226	232	139	168	83	88	4	4	12	13	32	102
Copán	1,872	589	595	120	202	20	22	2	2	7	11	9	14
Cortes	1,451	122	127	483	752	44	49	10	11	51	61	20	35
Choluleca	468	147	148	149	235	27	32	-	-	32	37	81	87
El Paraiso	1,373	164	166	104	145	17	18	3	4	46	50	11	12
Francisco	820	441	444	127	164	37	43	9	10	38	53	38	38
Morazan	142	1	1	4	4	-	-	-	-	2	2	132	166
Gracias a Dios	423	241	242	64	83	7	7	-	-	4	4	54	55
Intibucá	17	-	-	14	15	-	-	1	1	2	2	2	5
Islas de la Bahía	284	164	170	30	36	7	10	1	1	8	10	11	11
La Paz	1,817	864	870	15	16	270	274	-	-	1	1	146	156
Lempira	851	187	187	15	16	27	28	1	1	1	1	165	733
Ocoatepeque	769	199	202	80	100	13	14	2	2	15	15	47	131
Olancho	3,866	497	522	145	189	33	38	6	7	27	32	13	14
Santa Bárbara	64	11	11	47	58	1	1	-	-	4	4	-	-
Valle	1,023	260	263	95	157	123	129	16	23	28	44	22	30
Yoro													

Source: Censo Nacional Agropecuario 1974



Table P-37 AGRICULTURAL MACHINERY BY TYPE, BY FARM SIZE (1)

Department	No. of Farms	Diesel Tractors		Gasoline Tractors		Sowing Mach.		Cultivator		Mower		Wooden Plough		Iron Plough	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	28,742	1,272	2,593	130	153	324	379	437	610	1,230	1,807	23,093	30,287	1,462	1,834
less than 1 ha	1,451	17	18	4	4	4	4	2	2	23	23	1,215	1,285	29	31
1 to 2 ha	3,311	30	50	5	5	3	4	7	7	43	50	2,941	3,247	59	60
2 to 3 ha	3,532	29	29	5	5	2	2	3	3	56	65	3,157	3,651	78	89
3 to 4 ha	1,585	13	17	4	4	4	5	4	8	24	26	1,421	1,712	29	34
4 to 5 ha	1,870	20	21	1	1	1	1	1	1	30	33	1,664	2,003	40	43
5 to 10 ha	4,964	49	50	4	4	4	4	14	18	89	117	4,303	5,475	116	132
10 to 20 ha	4,117	98	101	9	9	10	10	29	34	120	135	3,409	4,627	133	151
20 to 50 ha	4,115	171	193	16	21	29	33	63	80	146	171	2,994	4,420	212	249
50 to 100 ha	1,726	207	266	14	14	47	48	65	76	172	227	1,011	1,703	198	238
100 to 200 ha	1,015	198	274	15	15	64	73	73	102	157	199	493	946	182	224
200 to 500 ha	703	228	463	22	25	82	100	95	133	193	324	341	749	217	288
500 to 1,000 ha	208	101	358	10	15	29	38	35	52	80	190	98	317	82	119
1,000 to 2,500 ha	112	83	318	13	22	35	44	34	53	71	172	39	128	65	118
more than 2,500 ha	33	28	435	8	9	10	13	12	41	26	75	7	24	22	58

Source: Censo Nacional Agropecuario 1974

Table P-38

## AGRICULTURAL MACHINERY BY TYPE, BY FARM SIZE (2)

Department	Thresher Utilized		Dryer Utilized		Trailer Utilized		Sprayer Utilized		Carriage and Pair Trancos Utilized		4 Wheel Cart Utilized		Equipments for Veterinary	
	No.	Number	No.	Number	No.	Number	No.	Number	No.	Number	No.	Number	No.	Number
Total	151	182	118	154	446	883	3,029	4,802	564	804	5,937	9,154	2,625	5,055
less than 1 ha	1	1	1	1	3	3	58	58	8	8	237	247	10	19
1 to 2 ha	3	3	-	-	14	14	134	137	3	3	493	508	13	14
2 to 3 ha	2	2	1	3	4	4	167	170	11	13	592	609	33	43
3 to 4 ha	3	3	-	-	2	2	82	87	8	10	231	238	13	18
4 to 5 ha	1	1	-	-	2	2	105	126	5	5	352	365	16	26
5 to 10 ha	3	3	3	3	6	9	333	368	27	30	908	938	117	137
10 to 20 ha	13	14	5	6	13	13	414	487	48	48	896	968	236	287
20 to 50 ha	18	25	8	9	44	55	621	790	89	112	977	1,089	625	865
50 to 100 ha	17	20	15	15	75	92	383	559	83	134	457	558	546	762
100 to 200 ha	19	21	18	22	75	143	296	529	99	130	336	435	453	744
200 to 500 ha	40	48	28	33	111	185	274	650	92	122	286	877	370	814
500 to 1,000 ha	17	19	10	13	40	76	88	563	42	97	97	815	111	316
1,000 to 2,500 ha	11	17	20	33	46	133	55	211	38	66	57	669	70	761
more than 2,500 ha	3	5	9	16	11	152	19	67	11	26	18	838	12	249

Source: Censo Nacional Agropecuario 1974

Table P-39

## AUTOMOTIVE EQUIPMENT BY TYPE, BY FARM SIZE

Department	Total Unutilized No.	Diesel Engine Truck		Gasoline Engine Truck		Pick-up		Jeeps		Others	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	3,999	757	1,003	520	647	2,324	2,722	789	868	642	770
less than 1 ha	114	23	26	13	13	44	45	11	13	36	38
1 to 2 ha	176	27	35	24	27	63	65	17	18	57	66
2 to 3 ha	147	33	36	17	19	70	76	19	21	29	32
3 to 4 ha	88	19	31	7	8	45	48	11	12	13	13
4 to 5 ha	80	20	22	14	14	31	35	10	10	15	16
5 to 10 ha	311	60	70	45	50	150	157	38	38	57	67
10 to 20 ha	433	78	92	54	60	245	263	60	63	61	66
20 to 50 ha	756	148	181	82	87	423	455	126	133	106	121
50 to 100 ha	600	118	146	68	73	363	417	127	134	66	74
100 to 200 ha	540	98	132	78	90	357	408	118	130	77	95
200 to 500 ha	485	66	91	59	74	336	426	141	152	82	102
500 to 1,000 ha	157	34	62	29	58	116	181	52	62	13	14
1,000 to 2,500 ha	85	21	41	21	47	63	95	46	58	21	31
more than 2,500 ha	27	12	38	9	27	18	51	13	24	9	35

Source: Censo Nacional Agropecuario 1974

Table P-40

AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (FIXED EQUIPMENT)  
ACTUAL UTILIZATION BY TYPE, BY FARM SIZE (1)

Department	No. of Farms	Motors for Agriculture													
		Electric		Diesel		Gasoline		Grass Chopper		Pulper		Thresher		Dryer	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	16,646	394	685	681	964	882	1,214	690	96,997	9,766	10,619	692	730	132	200
less than 1 ha	247	2	2	2	2	3	4	3	3	95	95	3	3	-	-
1 to 2 ha	598	8	10	5	5	12	13	4	4	290	290	13	13	-	-
2 to 3 ha	1,002	4	4	7	7	17	18	6	6	592	596	19	19	4	4
3 to 4 ha	696	1	1	6	6	9	10	5	96,225	430	434	12	12	2	2
4 to 5 ha	795	7	7	7	7	17	18	5	6	466	493	13	15	7	7
5 to 10 ha	2,922	16	20	20	22	38	41	13	13	1,762	1,818	86	88	7	7
10 to 20 ha	3,323	25	27	44	46	80	91	40	41	2,121	2,203	80	81	14	18
20 to 50 ha	3,797	53	72	99	116	183	225	102	107	2,370	2,575	126	128	23	26
50 to 100 ha	1,534	62	84	117	151	176	236	120	135	885	1,116	73	76	24	45
100 to 200 ha	856	62	104	137	183	142	207	133	147	423	545	85	93	14	22
200 to 500 ha	563	80	121	132	188	121	199	145	171	215	297	102	107	20	40
500 to 1,000 ha	180	32	90	50	90	51	90	55	63	68	104	42	50	6	15
1,000 to 2,500 ha	104	34	113	41	81	26	49	48	61	24	46	31	35	7	10
more than 2,500 ha	29	8	30	14	60	7	13	11	15	5	7	7	10	4	4

Source: Censo Nacional Agropecuario 1974

Table P-41

AGRICULTURAL EQUIPMENTS AND IMPLEMENTS (FIXED EQUIPMENT)  
ACTUAL UTILIZATION BY TYPE, BY FARM SIZE (2)

Department	Sugar Mill		Pump		Mill		Mixer		Electric Power Plant		Others	
	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	4,196	4,271	1,802	2,548	720	764	63	74	311	381	805	1,621
less than 1 ha	29	29	32	33	20	20	-	-	1	1	59	75
1 to 2 ha	110	110	46	47	34	34	-	-	3	3	93	160
2 to 3 ha	196	196	61	62	49	51	-	-	2	2	80	124
3 to 4 ha	137	137	41	42	36	36	1	1	1	1	45	102
4 to 5 ha	200	201	33	33	31	31	-	-	2	2	36	80
5 to 10 ha	767	776	138	149	123	125	2	2	9	9	126	221
10 to 20 ha	848	853	177	195	126	130	2	2	18	19	159	331
20 to 50 ha	1,103	1,122	310	372	108	115	4	4	30	32	99	258
50 to 100 ha	428	439	272	351	48	54	10	11	39	41	31	80
100 to 200 ha	203	214	252	358	44	47	4	4	50	57	25	87
200 to 500 ha	123	128	250	418	56	65	13	14	75	91	17	43
500 to 1,000 ha	35	42	94	189	18	23	10	17	32	50	13	26
1,000 to 2,500 ha	13	20	70	174	20	25	12	12	37	50	19	29
more than 2,500 ha	4	4	26	125	7	8	5	7	12	23	3	5

Source: Censo Nacional Agropecuario 1974

Table P-42

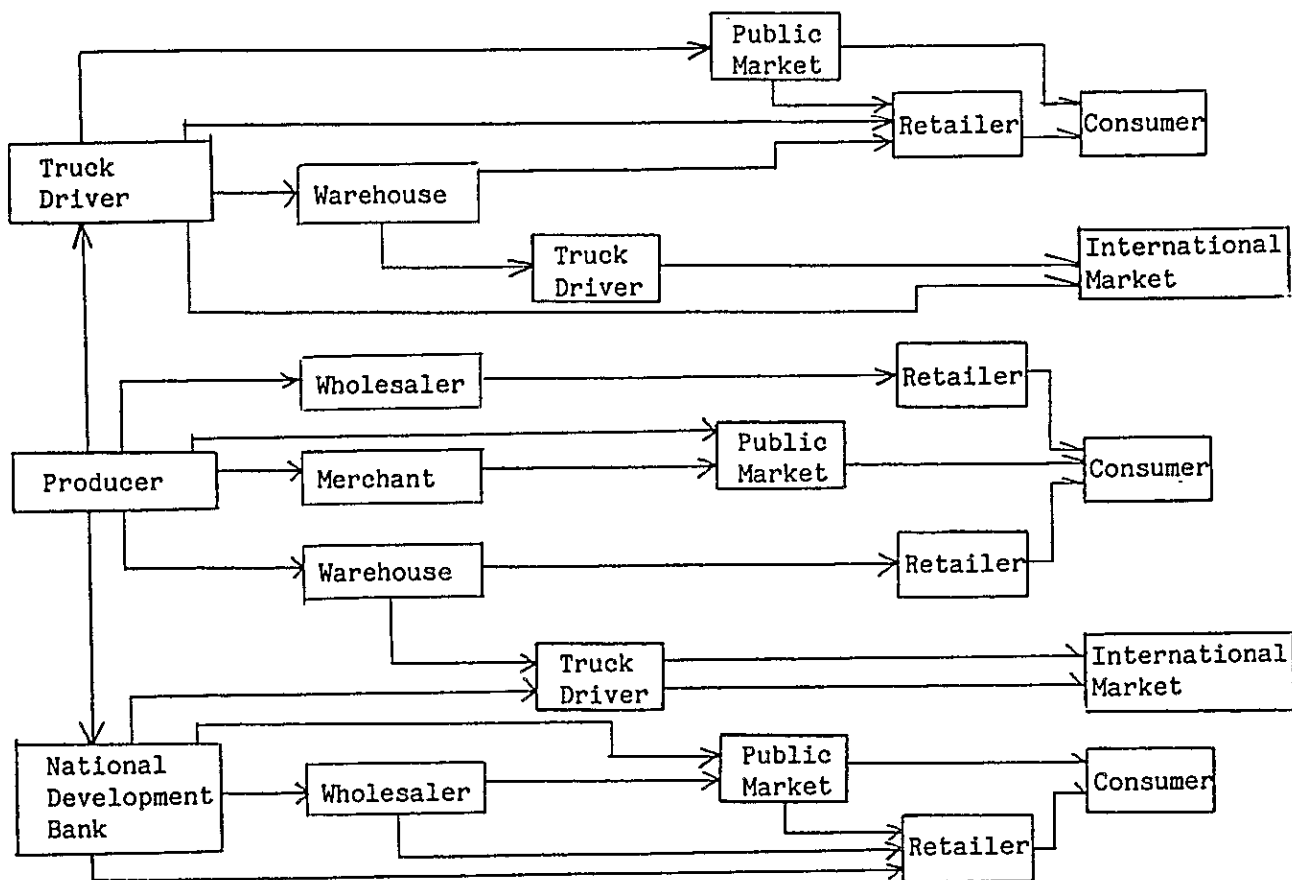
ANIMAL EQUIPMENT: UTILIZATION BY KINDS, BY FARM SIZE

Department	No. of Farms	Mules		Donkey		Horse		Ox	
		Utilized No.	Number	Utilized No.	Number	Utilized No.	Number	Utilized No.	Number
Total	92,176	34,340	69,753	12,789	21,800	69,701	152,338	19,099	47,579
Less than 1 ha	6,175	994	1,251	864	1,233	4,642	6,581	562	1,037
1 to 2 ha	11,732	2,234	2,811	1,497	2,143	8,787	12,887	1,491	2,844
2 to 3 ha	11,527	2,703	3,570	1,572	2,364	8,496	13,680	1,965	4,066
3 to 4 ha	5,619	1,590	2,214	737	1,139	4,177	6,995	995	2,062
4 to 5 ha	6,247	1,914	2,710	720	1,117	4,638	8,061	1,274	2,720
5 to 10 ha	17,229	6,490	9,986	2,131	3,438	12,701	23,359	3,547	8,017
10 to 20 ha	14,021	6,456	11,695	1,730	2,924	10,533	22,349	3,219	7,860
20 to 50 ha	12,520	7,084	15,957	1,797	3,313	9,733	24,795	3,332	8,978
50 to 100 ha	3,932	2,585	7,952	824	1,760	3,213	11,582	1,325	4,120
100 to 200 ha	1,789	1,267	4,919	451	975	1,515	7,739	684	2,495
200 to 500 ha	979	701	3,818	316	887	885	7,363	484	2,028
500 to 1,000 ha	251	193	1,588	98	345	231	3,172	141	771
1,000 to 2,500 ha	122	101	986	44	132	121	2,741	69	501
more than 2,500 ha	33	28	296	8	30	29	1,034	11	80

Source: Censo Nacional Agropecuario 1974

3. FIGURES ON MARKETING CHANNELS OF SELECTED AGRICULTURAL PRODUCTS

Fig. E-1 Basic Grains Marketing Channels  
1974



Source: Compilacion De Los Estudios Basicos Del Diagnostico Del Sector Agricola, MRN/CSPE/AID, 1978

Fig. E-2

Vegetables Marketing Channel

1974

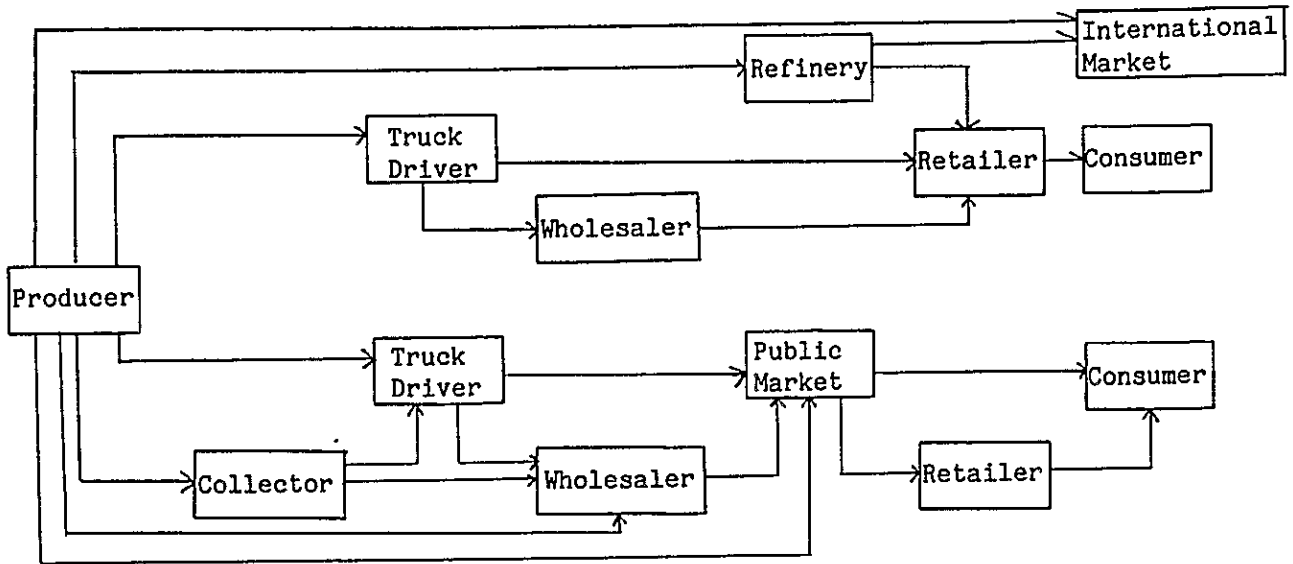


Fig. E-3

Fruits Marketing Channels

1974

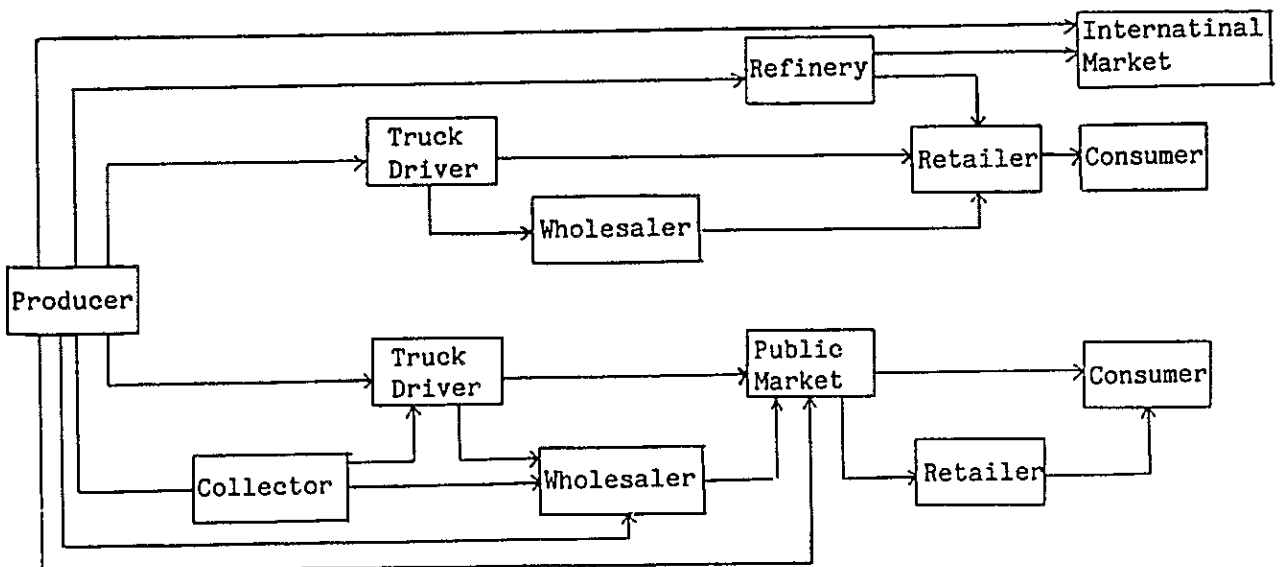




Fig. E-4

Coffee Marketing Channels

1974

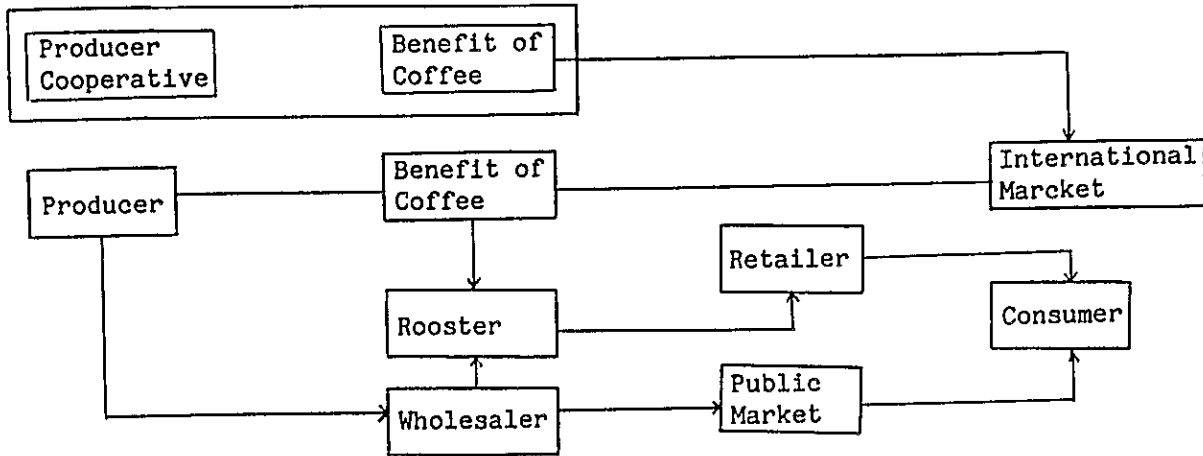
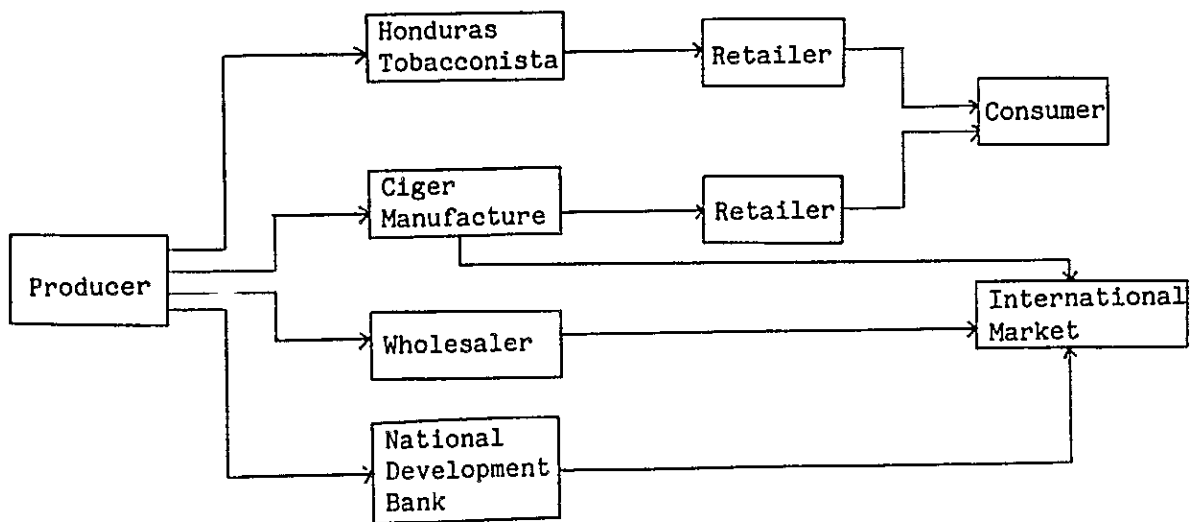


Fig. E-5

Tobacco Marketing Channels

1974





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