

ANNEX 6 CAMPECHE

I.- SURVEILLANCE:

A.- To declare the state free of END, a survey to detect the disease was conducted in 1996. How was this survey conducted? What was sampled? How was the sample size determined? How many houses were there on each of these commercial farms? What was the average flock size per house?

The State of Campeche was declared free of VND on the 18th of December of 1997. The sampling that was made in 1996 was the preparation for the inclusion of the state in the eradication stage demonstrating the absence of VND in the state.

This sampling was performed through a predetermined sample size, taking into consideration the confidence interval of 90%. In this size of sampling, 343 samples from birds from backyard premises and 1,152 samples from commercial farms were programmed. The poultry producers were willing to comply with the sampling and in order to insure the freedom from the disease the number of programmed samples was surpassed and 8,078 samples were taken from commercial farms in the state.

In technically developed farms, the samples taken were tracheal swabs and organs (trachea, encephalon, and lung). The first step was to sample that year 29 operating poultry farms of the 30 existing farms, with a population estimated in 1,232,664 birds, including broilers, layer hens and primary broiler breeders.

Enterprise	Farm	Zootechnical Purpose	Number of Poultry Houses	Installed Capacity	Occupied Capacity
Emporio	San Diego X'Mak	Broiler	20	200,000	100,000
Campi	San Epifanio	Broiler	6	50,000	44,000
Campi	San Esteban	Broiler	6	48,000	42,000
Campi	San Valentin	Broiler	6	48,000	42,000
Campi	San Jose	Broiler	4	70,000	36,500
Campi	San Antonio	Broiler	4	30,000	30,000
Campi	Santa Ana	Broiler	9	34,000	77,483
Campi	Santa	Broiler	4	66,000	60,000

	Maria				
Campi	Santa Cecilia	Broiler	5	24,000	22,000
Campi	Xtun	Broiler	2	170,000	170,000
Campi	Ivette	Broiler	4	48,000	45,000
Campi	Crucero	Broiler	2	100,000	100,000
Campi	Cayal	Broiler	12	62,000	62,000
Avícola González	SPR Av. Glez. Pucnachen	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Glez. Dzilbalch e	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Glez. Hkan	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Glez. Tinum	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Glez. Bolonchen	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Hopel 1	Layer Hens	4	100,000	77,123
Avícola González	SPR Av. Hopel 2	Layer Hens	4	100,000	93,570
Avícola González	SPR Av. Hopel 3	Layer Hens	4	100,000	100,988
Avícola González	SPR Av. Hopel 4*	Layer Hens	4	10,000	0
Avícola González	SPR Av. Samula	Layer Hens	2	10,000	10,000
Avícola González	SPR Av. Hool	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Cortínez	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Hobomo	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Chekubul	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Pixoyal	Layer Hens	1	10,000	10,000
Avícola González	SPR Av. Refor. Agraria	Layer Hens	1	10,000	10,000

Sanjor	Progenitoras de Campeche	Primary Broiler Breeders	5	30,000	10,000
	TOTAL		118	1,410,000	1,232,664

* During the 1997 sampling this farm was depopulated.

The total amount of poultry houses in the 30 existing farms in the states was approximately 118. The distribution of houses per farm in 1996 is found in detail in the previous table.

B.- In this same survey conducted in 1996, backyard flocks were also sampled. To better assess this surveillance, we need some denominator data (which you did provide when you conducted the 1997 survey). What was the number of backyard flocks per municipality? How were the sampled flocks selected? How many flocks per municipality were selected? How many birds per backyard flock were sampled?

In order to calculate the size of the sample for backyard premises a 90% confidence interval was taken into consideration for the population of 367,666 birds that included chickens, hens, turkeys and ducks. Programmed samples were: 343 for backyard premises, nevertheless 1,029 samples were taken, 30% of the samples were organs (trachea, lung and encephalon) and 70% are cloacal swabs, for the diagnosis of Velogenic Newcastle Disease, and the results were negative. On average 5 birds were taken from each premises.

Premises were selected randomly, considering 54 premises on average per municipality.

In 1996, the backyard premises inventory was considered to be 16,301. The distribution is indicated in the following table:

DDR	Municipality	Number of Backyard Premises
Hecelchakan	Calkini	1,751
	Hecelchakan	3,882
	Tenabo	346
Campeche	Campeche	962
	Hopelchen	1,025
Champoton	Champoton	3,766
Escarcega	Carmen	2,000
	Escarcega	1,672
	Palizada	897
	TOTAL	16,301

C.- In 1997 a survey of commercial farms was to be conducted. Your tables show a column labeled "post". What do you mean by "post"?

"Post" was translated for the word poultry house.

D.- While surveys have been conducted to detect the presence of END, in addition to these surveys, how many samples does Campeche submit each year to the approved laboratories in Merida or to CENASA as a result of routine clinical submissions?

The number of samples for surveillance and routine check-ups sent to CENASA and the Central Regional Laboratory of Merida since 1996 until today, are shown in the following table:

Year	Number of Samples	Laboratory
1996	1,029	CENASA
1996	8,078	Regional Central Laboratory of Merida
1997	3,295	Regional Central Laboratory of Merida
1998	5,052	Regional Central Laboratory of Merida
1999	3,461	Regional Central Laboratory of Merida

II.- OTHER

A.- There are no TIF plants which salughter poultry in Campeche. Are any commercial broilers slaughtered in the state of Campeche?

Broilers are slaughtered in Merida, Yucatán and the processed chicken are sent to Campeche.

B.- A table on page 14 shows that over one million finished broilers were imported into Campeche in 1996 and 1997. In addition, the state produces about 5 million broilers a year. This is over 6 million broilers either locally produced or imported. Where are all these broilers processed?

Locally produced chicken as well as imported chicken is processed in Mérida, Yucatán and after that the processed chicken is sent to Campeche.

C.- What commodities are being proposed for export to the United States?

The state of Campeche does not have potential for the exportation of poultry and its products therefore the information that is given is only for the purpose of supporting the regional recognition process for the Yucatán peninsula.

IV.- IMPORT CONTROLS

Guatemala, a country affected by END, shares a border with the state of Campeche. A large part of the shared border is made up of the Calakmul biosphere. However, the western half of the common border is not part of the biosphere. What border measures are taken locally to ensure that domestic poultry from Guatemala does not introduce the disease?

- The southeast region of the recently formed municipality of Candelaria, is not part of the biosphere of Calakmul reserve. It is a zone with very low human population density. In it there are no technically developed poultry enterprises and it is one of the areas with the least quantity of backyard birds in the state.
- Communications by roads are very scarce on the Mexican side and they are practically non-existent in the Guatemalan territory. Also, in the border with the neighboring country, there are no population conglomerates and much less poultry enterprises.
- The transit of persons, animal, products and by-products of animal origin and other elements that could pose a zoosanitary risk is practically non-existent.
- The zoosanitary verification point called "El Encanto" is found on the main road in this region. There, as part of the peninsular quarantine line, a strict verification of the compliance with the zoosanitary requirements for animals, their products and by-products that are preparing to enter Mexican territory is performed. The quarantine control of the zone is complemented with the verification point known as "El Naranjo".

- In the city of Candelaria, Campeche there is an Animal Health Center in which the reports of diseases in animals including birds are followed-up. Amongst the activities is the differential diagnosis for VND.
- DINESA personnel perform an active and permanent surveillance of backyard premises, in this area as well as at the state limits with Tabasco in order to detect opportunely any suggestive outbreak in regions where there could be viral circulation.

ANNEX 7 QUINTANA ROO

I.- SURVEILLANCE

A.- To declare the state free of END , a survey to detect the disease was conducted in 1996. How was this survey conducted? What was sampled? How many backyard flocks were sampled? How was the sample size determined?

It must be said that the State of Quintana Roo was declared free from VND on the 18th of December of 1997. The sampling performed during the first semester of 1996 was preparation for the inclusion of the state in an eradication phase, in order to demonstrate the absence of VND in the state.

The sampling was performed in technically developed farms and backyard premises. The sampling of the commercial farms was performed in the two farms that the state has (Sanjor and Campi) and a wild bird farm. Although initially the size of the sample was considered to be 35 samples per technically developed farm and semi-technically developed farms, which originally were 30 farms, the sample size was modified to 665 samples since only 19 farms were in operation. These were Sanjor and Campi and 17 semi-technically developed farms. Nevertheless, when sampling was begun only Sanjor and Campi were in operation as well as the wild bird farm, this last one not taken into consideration in the size of the sample. Finally, 120 samples were taken from the two technically developed farms previously mentioned and the wild bird farm.

Two hundred and four backyard premises were sampled, taking five samples per premises or 100% if the existing number of birds was lower than 5. The programmed size of the sample was

937 for the backyard premises, nevertheless, 900 samples were taken since, at the time of the sampling, the number of birds was lower than the one considered when estimating the size of the sample.

In this sampling, samples were taken from broilers, hens, turkeys, geese, ducks and pheasants.

B.- In 1997 a survey of backyard flocks and commercial farms was to be conducted. Only 2 of 30 known "technified" farms were operational at the time. How many houses were there on each of these two farms? Are the results from this survey available?

In the technical document that has the title "*Information on Quintana Roo as Free of Velogenic Newcastle Disease and Avian Salmonellosis*", August 1998, on page 4 it is mentioned that there were a total of 27 poultry houses in the two technically developed farms in the state, 9 in Aviproductos Sanjor and 18 in Industria Avícola del Sureste. On page 5 of the same document a table includes the results of the sampling performed in 1997, when 2,370 samples were processed from the commercial poultry industry and the backyard premises in the state with negative results. The results are available.

C.- While surveys have been conducted to detect END, in addition to these surveys, how many samples does Quintana Roo submit each year to the approved laboratories in Merida or to CENASA as a result of routine clinical submissions?

The number of samples sent to the Regional Central Laboratory of Merida during the sampling in 1998 was 2,326 and during 1999, a total of 2,899 samples were taken and processed from the technically developed poultry industry and the backyard premises in the state.

II.- CENSUS

A.- The information provided shows that in 1997 Quintana Roo had a total of 2 functional commercial farms, are these broiler farms? Breeder farms? Layer farms? Is information available on the number of houses per farm and the number of birds per house?

These farms are dedicated to the broiler chicken production. Sanjor had in 1997, 9 birdhouses and Campi had 18 birdhouses. The number of birds per house can be between 10,000 and 20,000 birds.

B.- By 1998, the number of "technified" farms was back up to 11. How do you explain this year -to-year fluctuation in commercial farm operations?

As was previously mentioned, in the state there are only 2 technically developed farms. Nevertheless, for the surveillance of avian diseases, samplings from semi-technified developed farms were taken into consideration within the sampling of the state commercial poultry industry, that only finished poultry during that year during 1 or 2 cycles.

III.- OTHER

A.- There are no TIF plants which slaughter poultry in Quintana Roo. Are any commercial broilers slaughtered in the state of Quintana Roo?

There are slaughterhouses in which part of the local chicken production is slaughtered. Nevertheless, Yucatán is the main supplier of processed chicken.

B.- What commodities are being proposed for export to the United States?

The State of Quintana Roo, as well as Campeche, doesn't have potential for the exportation of poultry or its products, therefore the information about this state is given only for support of the regional recognition process for the Yucatán Peninsula.

IV.- IMPORTATION CONTROLS

A.- Belize and Guatemala are countries which share a border with the state of Quintana Roo. Both countries are known to be affected with exotic Newcastle disease. What border measures are taken locally to ensure that domestic poultry from these two countries does not introduce the disease?

- a) The Plant and Animal Sanitary Inspection Unit Subteniente López is found in the land border with Belice. The personnel in this Inspection Unit perform the surveillance in the International Airport in Chetumal, Quintana Roo.
- b) There is an inspection booth for the control of national mobilization that is established in the highway that is

parallel to the River Hondo, and it is called Cocoyol and it is found in the same access road to the state from the border with Belice.

- c) There are inspection mobile units that perform routine surveillance on highways and gravel roads.
- d) Internal inspection personnel supervise shipments of animals and products that are unloaded in the city of Chetumal.

On the other hand, at the national level, in order for birds to come into the country from Guatemala, Belice or any other country, they must comply with, amongst other requirements, the conditions contained in the zoosanitary requirements sheet:

- That the poultry farms from whence they come are free from infectious and contagious diseases.
- Official certificate that certifies that the birds are free from Velogenic presentation of Newcastle Disease (point 15 of the NOM-013-ZOO-1994).
- That the birds come from a country, state, region, productive farm and/or hatchery free from avian salmonellosis (*S. pullorum* and *S. gallinarum*) (point 16.1 NOM-005-ZOO-1993).
- That the farm of origin has a quarterly sampling program that consists of the serology analysis of 35 samples performed in a laboratory that is official or approved by the Ministry of Agriculture of the country of origin, obtaining negative results to Avian Influenza (AI) through the gel agar precipitation test (point 18.2 of the NOM-044-ZOO-1995).

B.- The port of Cancun is not commercial seaport; however, the marinas located in this resort host private vessels from many countries. How do you handle the pet birds and garbage and other waste of these vessels if you do not have an international inspection office in Cancun?

The coastal area of the port of Cancun is under the control of the Plant and Animal Sanitary Inspection Unit of this port. This Unit inspects all ships that arrive and according to the agreement reached in the meetings of port facilitation where the commitment has been made to notify the arrival of ships.

ANNEX 8 YUCATAN

I.- SURVEILLANCE

A.- To declare the state free of END , a survey to detect the disease was conducted in 1996. How was this survey conducted? What was sampled? How was the sample size determined? How many commercial farms were sampled? How many houses were there on each of these commercial farms? What is the average flock size per house? How many samples were taken from each commercial farm? (Specify if the sample was taken by premises or by house on each premises.)

The sampling that took place during 1995 and 1996 were performed on the basis of the sample size that was determined by the General Department of Animal Health. In those studies, the minimum number of birds to be sampled per municipality were established, depending on the bird population size of the state, including backyard premises as well as technically developed farms.

During 1995, 1,894 samples were taken from 137 technically developed farms and in 1996, 2,205 birds were sampled in 192 farms. It is important that we mention that the sampling unit taken into consideration for the surveillance of avian diseases is based upon the farm and the bird population that exists at that time and not upon the number of birdhouses.

The number of birdhouses per farm, as well as their installed capacity and the number of birds sampled per farm in 1995 is found in detail in Annex 1 as well as Annex 2. There, added to what was previously mentioned, the population of each farm is shown as well as the average number of birds per house corresponding to the sampling of 1996.

B.- In the same survey conducted in 1996, backyard flocks were also sampled. To better assess this surveillance, we need some dominator data (which you provide when you conducted the 1997 survey). What was the number of backyard flocks per municipality? How were the sampled flock selected? How many flocks per municipality were selected? Hoe many birds per backyard flock were sampled?

It is important that we mention that during the sampling of 1996, the size of the sample was established taking into consideration the premises and the poultry population in the backyard premises that existed per each Rural Development

District (DDR), not by municipality. The number of backyard premises in the state per DDR, as well as the population of birds that existed is shown in the following table, and the sample size designated for this epidemiological surveillance.

Rural Development District	Number of Backyard Premises per DDR	Backyard Poultry Population	Percentage	Size of Sample
Merida	30,636	551,442	57.43	685
Ticul	11,884	190,152	19.80	236
Tizimin	9,508	142,614	14.85	177
Valladolid	4,754	76,061	7.92	95
TOTAL	56,782	960,269	100.0	1,193

The designated sample size was surpassed and in total 1,234 birds of 253 randomly selected backyard premises were sampled.

C.- In 1997 and 1998 surveys of commercial farms were conducted, and while your tables show the number of farms and the total avian population by municipality, neither the number of houses per farm nor the number of samples taken per house is given.

Please indicate these.

As it was previously mentioned, the farm population that is present at the time of the sampling is taken into consideration, not the number of houses. The number of poultry houses per farm and the number of samples taken per farm in 1997 and 1998 are shown in annexes 3 and 4.

D.- While surveys have been conducted to detect the presence of END, in addition to these surveys, how many samples does Yucatan submit each year to the approved laboratories in Merida or to CENASA as a result of routine clinical submissions?

In 1998, 7,202 samples were sent to the Regional Central Laboratory of Merida, in the State of Yucatán for the epidemiological surveillance of the disease and routine check-ups. In 1999, 7,745 samples were sent for the surveillance of the disease and in order to insure the poultry health in the region. In both cases, the samples came from technically developed farms and backyard premises.

II.- OTHER

A.- There is one TIF plant which slaughters poultry in Yucatan. You also indicate that there are four municipal plants which slaughter poultry in Yucatan. Who conducts the pre- and post-mortem inspections in the municipal plants marketed?

The four slaughterhouses for poultry slaughtering in the state of Yucatán are private slaughterhouses, of which 2 are TIF establishments (Aviproductos Sanjor and Industria Avícola del Sureste) and they have an official inspector from the SAGAR and there are 2 other private slaughterhouses, in which there is a private veterinary doctor personnel that is in charge of pre and post mortem inspections of the birds.

As far as poultry meat commercialization this is marketed in Yucatán as well as in the States of Campeche, Quintana Roo, Tabasco, Chiapas, Oaxaca, Veracruz and Distrito Federal.

B.- You indicate on page 11 of the report that Yucatan entered into the eradication phase of the program on January 6, 1996 and, was subsequently declared free on July 14, 1995. Could you please provide the correct dates as freedom does not precede eradication, and your program requires that a state be at least in the eradication phase before proceeding to the free phase?

Due to a typing error during the translation stage, the indicated dates in the document are not correct. The correct date for the entrance into the eradication phase was the 6th of January of 1994 and the liberation date was 14th of July of 1995.

IV.- Import Controls:

The state of Yucatan has imported several shipments of fighting cocks from Cuba, a country known to be affected with END. What measures have you taken to ensure that END is not introduced into Yucatan through these fighting cocks?

In order for the birds to be able to come into the country, they must comply with, amongst others, the conditions contained in the zoosanitary requirements sheet:

- That the poultry farms from whence they come are free from infectious and contagious diseases.

- Official certificate that certifies that the birds are free from Velogenic presentation of Newcastle Disease (point 15 of the NOM-013-ZOO-1994).
- That the birds come from a country, state, region, productive farm and/or hatchery free from avian salmonellosis (*S. pullorum* and *S. gallinarum*) (point 16.1 NOM-005-ZOO-1993).
- That the farm of origin has a quarterly sampling program that consists of the serology analysis of 35 samples performed in a laboratory that is official or approved by Ministry of Agriculture of the country of origin, obtaining negative results to Avian Influenza (AI) through the gel agar precipitation test (point 18.2 of the NOM-044-ZOO-1995).

**NEWCASTLE DISEASE SAMPLING IN COMMERCIAL FARMS
YUCATAN, 1995**

FARM	ENTERPRISE/OWNER	SAMPLED POULTRY	# HOUSES	CAPACITY
DZITINA	ERNESTO MOLINA MEDINA	37	8	27000
PETECTUNICH	IND. AVIPEC. PENINSULAR	37	57	590400
SAN ANTONIO	IND. AVIPEC. PENINSULAR	37	10	107900
SANTA CRUZ	IND. AVIPEC. PENINSULAR	37	5	56640
ACANCEH	IND. AVIPEC. PENINSULAR	37	16	74000
SAN JOSE	IND. AVIPEC. PENINSULAR	37	12	93600
ACANCEH	POLLO IND. DE MEXICO	10	54	800000
ACANCEH	POLLO IND. DE MEXICO	10		
ACANCEH	POLLO IND. DE MEXICO	10		
ACANCEH	POLLO IND. DE MEXICO	19		
MATILDE	IND. AVIPEC. PENINSULAR	37	16	160000
MATILDE	IND. AVIPEC. PENINSULAR	19		
ROBLE	IND. AVIPEC. PENINSULAR	37	20	200000
BACA 4-5-6-7	IND. AVI. DEL STE.	17	12	147700
SAN JAVIER	IND. AVI. DEL STE.	17	3	25500
HIPOLITO 1	IND. AVI. DEL STE.	17	6	51000
SAN MANUEL 1	RUSSELL GONZALEZ L.	3	9	16800
SAN MANUEL 2	RUSSELL GONZALEZ L.	3	2	17400
SAN MIGUEL	MIGUEL VILLASUSO GLZ.	3	11	50000
SAN CARLOS	CARLOS RAMAYO NAVARRETE	4	3	10000
CONKAL 2-3	IND. AVI. DEL STE.	4	6	51000
MARIA LUISA	AGROINDUSTRIAS PUERTO	20	7	122500
EL ROBLE	RUSSELL GONZALEZ L.	11	6	59900
EL RAMONAL	RUSSELL GONZALEZ L.	10	5	63000
SAN LUIS	RUSSELL GONZALEZ L.	11	5	57000
SAN LUIS 2	RUSSELL GONZALEZ L.	10	6	61100
SAN LUIS 3	RUSSELL GONZALEZ L.	11	5	52500
SAN LUIS 4	RUSSELL GONZALEZ L.	10	5	52500
CHOCHOLA 1	ENRIQUE PUERTO	11	5	60000
CHOCHOLA 2	ENRIQUE PUERTO	10	4	48000
CHOCHOLA 3	ENRIQUE PUERTO	11	4	48000
MERID	IND. AVI. DEL STE.	3	4	28000
CHOCHOLA	JORGE DORANTES GAMBOA	10	15	168000
HALACHO 1	IND. AVI. DEL STE.	20	10	114600
HALACHO 2	IND. AVI. DEL STE.	20	9	117300
HALACHO 3	IND. AVI. DEL STE.	20	8	120000
CHOCHOLA	IND. AVI. DEL STE.	20		
SAN PEDRO	EDUARDO PEREZ	22	8	40000
SAN JOAQUIN	ANTONIO CEBALLOS	15	4	25000
CONCEPCION	JORGE FERNANDEZ MARTIN	15	45	400000
CONCEPCION	JORGE FERNANDEZ MARTIN	18		
SANTA CRUZ	JOSE A. MEZQUITA ARGAEZ	30	5	18000
PEDRO 1, JOSE 2	IND. AVI. DEL STE.	20	13	156000
ESCONDIDA	IND. AVI. DEL STE.	20	3	28800
SAMAHIL	JORGE DORANTES GAMBOA	10	20	16000
SAN ROMAN 1	IND. AVI. DEL STE.	10	8	80000
SAN ROMAN 2	IND. AVI. DEL STE.	10	8	80000
SAN ROMAN 3	IND. AVI. DEL STE.	10	8	80000
SAN ROMAN 4	IND. AVI. DEL STE.	10	8	80000
SAN ROMAN 5	IND. AVI. DEL STE.	10	8	80000
SAN ROMAN 6	IND. AVI. DEL STE.	10	8	80000
SAN EDUARDO 1	IND. AVI. DEL STE.	10	3	40000
SAN EDUARDO 2	IND. AVI. DEL STE.	10	3	40000
SAN VICENTE 1	IND. AVI. DEL STE.	10	4	40000
SAN VICENTE 2	IND. AVI. DEL STE.	10	4	40000
SAN VICENTE 3	IND. AVI. DEL STE.	10	4	40000
SAN VICENTE 4	IND. AVI. DEL STE.	10	4	40000
SAN VICENTE 5	IND. AVI. DEL STE.	10	4	40000
SAN VICENTE 6	IND. AVI. DEL STE.	10	4	40000
SAN POOL	IND. AVI. DEL STE.	10	3	38000

TEYA 1	IND. AVI. DEL STE.	16	8	120000
TEYA 3	IND. AVI. DEL STE.	16	8	120000
TEYA 4	IND. AVI. DEL STE.	16	8	120000
TEYA 5	IND. AVI. DEL STE.	16	10	150000
TEYA 6	IND. AVI. DEL STE.	16	8	96000
KINCHIL	JORGE DORANTES GAMBOA	42	12	240000
MERCEDES	NIDIA ARAUJO	3	5	7000
DOÑA COCORICA	GRANJA PUHUYTUN	3	22	58000
ISIDRO	MIGUEL VILLASUSO GLZ.	3	2	10000
SAN AGUSTIN	AGUSTIN CAMARA	3	4	24000
CI-HE	AGUSTIN CAMARA	3	6	11000
CAUCEL	JORGE FERNANDEZ MARTIN	3	3	29000
LAS MALVINAS	RUSSELL GONZALEZ L.	3	2	11330
OLIVOS	RUSSELL GONZALEZ L.	3	3	17640
OLIMPO CONKAL	RUSSELL GONZALEZ L.	3	3	11890
SAN MARCOS	RUSSELL GONZALEZ L.	3	8	11106
SAN MATIAS	ENRIQUE PUERTO	3	25	90000
KIKTEIL	IND. AVI. DEL STE.	3	7	69250
CRUCIFIJO	JORGE DORANTES GAMBOA	3	6	36000
SAN JORGE	IND. AVI. DEL STE.	4	5	30000
VIRIDIANA	ALICIA RODRIGUEZ	4	4	2000
SAN DANIEL	IND. AVI. DEL STE.	4	3	25500
SAN HUMBERTO	IND. AVI. DEL STE.	4	3	25500
SAN ALFREDO	IND. AVI. DEL STE.	4	3	25500
LONDRES	MARIO BAEZA BATES	10	5	5000
SACAPUC	JORGE DORANTES GAMBOA	10	6	120000
TIMUL 1 - 2	JORGE DORANTES GAMBOA	10	6	88000
30 DE NIVIEMBRE	JORGE DORANTES GAMBOA	10	4	40000
22 DE NOVIEMBRE	JORGE DORANTES GAMBOA	10	5	51000
LA CANDELERIA	RICARDO ABRAHAM MAFUD	8	12	120000
SAN JUAN	ENRIQUE PUERTO	10	3	30000
SAN CARLOS	IND. AVI. DEL STE.	10	3	19780
TAHMEK	ERNESTO MOLINA MEDINA	6	5	35000
SANTA JULIANA	RUSSELL GONZALEZ L.	10	16	78000
SAN FRANCISCO	JORGE FERNANDEZ MARTIN	50	60	540000
FATIMA	JORGE FERNANDEZ MARTIN	50		
SAN JORGE	JORGE FERNANDEZ MARTIN	50	40	280000
SAN JORGE	JORGE FERNANDEZ MARTIN	50		
TEYA 2	IND. AVI. DEL STE.	19	8	120000
TIKKOKOB	JORGE FERNANDEZ MARTIN	10	34	350000
TIKKOKOB	JORGE FERNANDEZ MARTIN	18		
23 DE ABRIL	JORGE DORANTES GAMBOA	40	6	65000
GUADALUPE	EDUARDO PEREZ	7	8	45000
FATIMA	VICTOR JIMENEZ GIL	7	6	29200
SANTA KARLA	JUNA M. ORTIZ GUTIERREZ	7	9	25000
RUBEN	AGROINDUSTRIAS PUERTO	16	12	70000
PALOMAS	ENRIQUE PUERTO	7	4	47000
SAN CARLOS	ENRIQUE PUERTO	7	9	70000
SANTA TERESA 1	IND. AVI. DEL STE.	7	3	36800
SANTA TERESA 2	IND. AVI. DEL STE.	7	4	48000
SANTA TERESA 3	IND. AVI. DEL STE.	7	4	48000
UMAN	JORGE PUERTO CABRERA	11	11	25000
SANTA TERESITA	DIEGO NUÑES GONZALEZ	11	15	49000
OXOLON	PRODUCT. NAL. DE HUEVO	11	20	600000
EL EJEMPLO	RUSSELL GONZALEZ L.	11	2	17100
SANTA CRUZ	RUSSELL GONZALEZ L.	11	3	15300
MARIA DOLORES	AGROINDUSTRIAS PUERTO	13	9	30000
SAN MIGUEL	IND. AVI. DEL STE.	11	6	36000
SAN MIGUEL	IND. AVI. DEL STE.	21		
NAZARENO	IND. AVI. DEL STE.	11	4	24000
POLLO FELIZ	IND. AVI. DEL STE.	11	5	24000
MAPI	IND. AVI. DEL STE.	11	5	60000
YAXCOPOIL	IND. AVI. DEL STE.	11	8	140000
SANTA CECILIA	JORGE DORANTES GAMBOA	11	3	45000
SANTA FE	JORGE DORANTES GAMBOA	11	5	83000
SANJOR	JORGE DORANTES GAMBOA	11	3	60000
SANJOR	JORGE DORANTES GAMBOA	22		
SAN JORGE	JORGE DORANTES GAMBOA	11	4	4000

TIO RICARDO	JORGE DORANTES GAMBOA	11	5	100000
SAN ALFREDO	JORGE DORANTES GAMBOA	11	3	50000
SATURNO	JORGE DORANTES GAMBOA	11	1	10000
DEPOSITO DE UMAN	IND. AVI. DEL STE.	11	5	44400
XOCCHEL	JORGE FDEZ. MARTIN	10	15	75000
BACA	FLOR GLEZ. LIZARRAGA	17	6	
VICTORIA	MIGUEL VILLASUSO GLZ.	3	4	8000
STA. CRUZ PALOMEQUE	GEOVANI ORTEGA	26	5	13000
TOTAL NUMBERS		1894	1114	10387436

**COMMERCIAL POULTRY CENSUS
YUCATAN, 1996**

OWNER	FARM	NUMBER OF POULTRY	# HOUSES	CAPACITY	SAMPLED POULTRY	AVERAGE FLOCK/HOUSE
JORGE E. FERNANDEZ M.	CEIBO	110089	6	228000	19	18348.16667
JORGE E. FERNANDEZ M.	LUCECITA	127384	12	134400	19	10615.33333
JORGE E. FERNANDEZ M.	MA. DE LA LUZ	99835	12	134400	19	8319.583333
JORGE E. FERNANDEZ M.	TETIZ CREC.	107617	8	180000	19	13452.125
ERNESTO MOLINA M.	DZITINA	14000	8	27000	35	1750
GONZALO MEDRANO LIZAMA	SAN LAZARO	7000	6	7500	10	1166.666667
GRANJAS KAKI	ACANCEH CRIANZA 1	40000	10	38000	30	4000
GRANJAS KAKI	ACANCEH CRIANZA 2	40000	5	45000	30	8000
MIGUEL VIALLASUSO	LOS REYES	14000	2	20000	3	7000
AVIPRODUCTOS SANJOR	SAN DIONISIO	12899	4	20000	10	3224.75
AVIPRODUCTOS SANJOR	SAN POLICARPO	15999	4	20000	10	3999.75
AVIPRODUCTOS SANJOR	SANTA MARIA	14863	4	20000	10	3715.75
AVIPRODUCTOS SANJOR	SAN MIGUEL	15463	4	20000	10	3865.75
RENAN VILLALOBOS		200		350	5	
ALFREDO REYES BOLIO		150		140	5	
EDUARDO URZAS	EL CORTIJO	400		450	5	
JESUS OSORIO	LOS ALMENDROS	120		250	5	
VICENTE ALFREDO RODRIGUEZ	STA. MA. CHE	2135	1	2200	2	2135
VICENTE RODRIGUEZ	SANTA CRUZ		1	2200	3	0
VICENTE ALFREDO RODRIGUEZ	XCUYUN	2000	1	11500	3	2000
VICENTE RODRIGUEZ SOLIS	TIKPEHUAL		2	10000	3	0
VICENTE ALFREDO RODRIGUEZ	TEKAT	4170	1	7500	3	4170
VICENTE ALFREDO RODRIGUEZ	MAXCANU	2000	1	2400	2	2000
ALFREDO RODRIGUEZ SOLIS	SITPACH	2000	1	2400	3	2000
VICENTE A. RODRIGUEZ S.	CEPEDA	1500	1	5000	3	1500
IND. AVICOLA DEL STE.	SANTA TERESA	149400	11	150000	15	13581.81818
IND. AVICOLA DEL STE.	YAXCOPOL No 1	78750	4	78000	10	19687.5
FLOR GONZALEZ DE CANO	KIKTEIL	34000	4	35000	8	8500
AGROINDUSTRIAS PUERTO	MARIA DOLORES	20000	9	32000	10	2222.22222
AGROINDUSTRIAS PUERTO	MARIA LUISA	105000	7	122500	30	15000
AGROINDUSTRIAS PUERTO	RUBEN	50000	12	83000	10	4166.666667
AVICOLA FERNANDEZ	ACANCEH	75000	54	805000	30	1388.888889
POLLO IND. DE MEXICO	CHICXULUB	220000	20	275000	31	11000
AVICOLA GONZALEZ	EMPORIO	15000	6	17000	10	2500
AVICOLA GONZALEZ	RAMONAL	40000	5	50000	9	8000
AVICOLA GONZALEZ	EL ROBLE	40000	6	56000	9	6666.666667
AVICOLA GONZALEZ	SAN LUIS 1	40000	5	50000	9	8000
DIEGO NUÑEZ	MALVINAS	14000	8	17000	3	1750
GRANJAS EMPORIO	OLIMPO	15000	4	15000	3	3750
AVICOLA GONZALEZ	SABACHE	20000	2	20000	10	10000
AVICOLA GONZALEZ	SAN LUIS 2	20000	6	60000	9	3333.333333
AVICOLA GONZALEZ	SAN LUIS 3	40000	5	60000	9	8000
AVICOLA GONZALEZ	SAN LUIS 4	40000	5	50000	9	8000
GRANJAS EMPORIO	SAN MANUEL 1	15000	4	15600	8	3750
GRANJAS EMPORIO	SAN MANUEL 2	15000	2	15200	8	7500
AVICOLA GONZALEZ	SAN MARCOS	10000	6	10000	4	1666.666667
AVICOLA GONZALEZ	SANTA CRUZ	15000	3	15000	10	5000
IND. AVICOLA DEL STE.	BACA 1	53200	6	58936	12	8866.666667
IND. AVICOLA DEL STE.	BACA 2	26600	3	28280	12	8866.666667
IND. AVICOLA DEL STE.	BACA 3	150360	12	165080	12	12530
CAMPIL	CHOCHOLA	69750	8	69750	9	8718.75
IND. AVICOLA DEL STE.	NAZARENO	27000	4	27000	10	6750
IND. AVICOLA DEL STE.	CONKAL NO.1	28000	4	28575	3	6500
IND. AVICOLA DEL STE.	CONKAL NO. 2	52350	6	57465	3	8725
IND. AVICOLA DEL STE.	HALACHO 1	118000	9	131288	23	13111.11111
IND. AVICOLA DEL STE.	HALACHO 2	120300	10	133144	23	12030
IND. AVICOLA DEL STE.	HALACHO 3	123000	8	135000	23	15375
IND. AVICOLA DEL STE.	KIKTEIL	70980	7	82688	3	10140
IND. AVICOLA DEL STE.	ESCONDIDA	29520	3	45000	15	9840
IND. AVICOLA DEL STE.	MAPI	67500	6	68500	10	11250
CAMPIL	MOCOCHA 1	12627	3	28800	5	4209
CAMPIL	MOCOCHA 2	12629	3	28888	5	4209.666667
CAMPIL	MOCOCHA 3	12631	3	28888	6	4210.333333
IND. AVICOLA DEL STE.	POLLO FELIZ	27000	5	27000	10	5400
CAMPIL	PROGRESO	20275	3	22253	9	6758.333333
IND. AVICOLA DEL STE.	SAN MIGUEL	40500	5	40500	10	8100
IND. AVICOLA DEL STE.	SECTOR DE PRODUCC.	67500	4	67500	3	16875
CAMPIL	SEYE	24600	4	30000	4	6150
IND. AVICOLA DEL STE.	TEYA 1	123000	8	135000	6	15375
IND. AVICOLA DEL STE.	TEYA 2	123000	8	135000	6	15375
IND. AVICOLA DEL STE.	TEYA 3	123000	8	135000	6	15375
IND. AVICOLA DEL STE.	TEYA 4	153750	8	185000	7	19218.75
IND. AVICOLA DEL STE.	TEYA 5	153750	10	185500	7	15375
IND. AVICOLA DEL STE.	TEYA 6	153750	8	185000	7	19218.75
IND. AVICOLA DEL STE.	U.A.I.M.	67500	4	67500	3	16875
IND. AVICOLA DEL STE.	XTANCIA	159900	13	28500	15	12300
IND. AVICOLA DEL STE.	YAXCOPOL No 2	78750	4	78000	10	19687.5
GRANJAS EMPORIO	BACA 1	25000	6	100000	12	4166.666667
GRANJAS EMPORIO S.A DE C.V.	BACA 2	25000	6	100000	12	4166.666667
GRANJAS KAKI	MATILDE	168177	6	170000	30	28029.5
GRANJAS KAKI	ROBLE	124354	20	200000	30	6217.7
GRANJAS PENINSULARES	PALOMAS	48000	12	48000	9	4000
GRANJAS PENINSULARES	SAN CARLOS	64000	6	60000	9	10666.666667
ENRIQUE PUERTO	SAN JUAN	30000	3	30000	9	10000
GRANJAS PENINSULARES	SAN MATIAS	90000	3	90000	4	30000
GRANJAS PENINSULARES	STA. MA. CHOCOCHOLA MO	60000	5	60000	9	12000
GRANJAS PENINSULARES	STA. MA. CHOCOCHOLA MO	60000	5	60000	9	12000
GRANJAS PENINSULARES	STA. MA. CHOCOCHOLA MO	60000	5	60000	9	12000

AVIPRODUCTOS SANJOR	22 DE NOVIEMBRE	300000	17	400000	12	17847.05882
AVIPRODUCTOS SANJOR	23 DE ABRIL	72000	6	120000	38	12000
AVIPRODUCTOS SANJOR	30 DE NOVIEMBRE	39895	5	40000	13	7979
SANJOR	AVERMAR	160000	15	175000	9	10666.66667
SANJOR	CRUCIFIJO	36000	6	38000	3	8000
SANJOR	CUBICHE	165000	9	180000	18	18333.33333
SANJOR	KINCHIL	240000	12	240000	5	20000
AVIPRODUCTOS SANJOR	RANCHO ALEGRE	133000	6	135000	23	22166.66667
SANJOR	SACAPUC	111000	6	120000	18	18500
AVIPRODUCTOS SANJOR	SAN ALFREDO	51000	3	58000	10	17000
AVIPRODUCTOS SANJOR	SAN JORGE	36000	3	38000	10	12000
AVIPRODUCTOS SANJOR	SANJOR	60000	3	60000	10	20000
AVIPRODUCTOS SANJOR	SANTA CECILIA	51000	3	51000	10	17000
AVIPRODUCTOS SANJOR	SANTA FE	75000	5	85000	10	15000
AVIPRODUCTOS SANJOR	SATURNO	15000	4	15000	10	3750
SANJOR	TIMUL 1	35000	2	40000	18	17500
AVIPRODUCTOS SANJOR	TIMUL 2	97000	7	110000	18	13857.14286
AVIPRODUCTOS SANJOR	TIO RICARDO	90000	5	100000	10	18000
GPO AGORIND ALCOHOLERO	PARAISO	900	1	3400	5	900
VICENTE ALFREDO RODRIGUEZ	VIRIDIANA	1500	5	7000	2	300
AGUSTIN CAMARA	CI-HE		1	11000	5	0
AGUSTIN CAMARA	SAN AGUSTIN		5	24000	5	0
ANTONIO CEBALLOS Y FRANCO	SAN JOAQUIN	15000	7	20000	10	2142.857143
JORGE FERNANDEZ	CAUCEL	12571	3	24500	6	4190.333333
JORGE E. FERNANDEZ	CHENCOPO	128533	15	150000	10	8568.866667
JORGE E. FERNANDEZ	CONCEPCION	216893	27	300000	10	8033.074074
JORGE E. FERNANDEZ M.	FATIMA	119520	12	120000	25	9960
JORGE E. FERNANDEZ M.	OXOLOM (KABAH, LABNA	392000	8	400000	60	49000
JORGE E. FERNANDEZ M.	SAMAHIL (UXMAL-CHICH	495000	15	500000	140	33000
JORGE E. FERNANDEZ M.	SAN ENRIQUE	59760	12	120000	25	4980
JORGE E. FERNANDEZ M.	SAN. FRANCISCO (STO.NI)	99437	12	100000	19	8286.416667
JORGE E. FERNANDEZ M.	TETIZ POSTURA	104300	12	120000	25	8691.666667
JORGE E. FERNANDEZ M.	TULUM (TIKKOKOB)	379800	12	418300	30	31650
JORGE E. FERNANDEZ M.	NOHUAYUN	134357	12	135000	19	11196.41667
JORGE E. FERNANDEZ M.	SAN JORGE	318101	36	360000	25	8836.138889
CARLOS RAMAYO NAVARRETE	SAN CARLOS	10000	8	10000	3	1250
DIEGO NUNEZ GONZALEZ	STA. TERESITA	42000	7	49000	15	6000
EDUARDO PEREZ	GUADALUPE		8	59200	15	0
EDUARDO PEREZ CASTILLO	SAN PEDRO	22000	8	28800	13	2750
LUIS ENRIQUE IX RUIZ	CINDY	12636	3	17000	5	4212
ERNESTO MOLINA MEDINA	TAHMEK	40000	7	49000	6	5714.285714
GEOVANNI ORTEGA	SANTA MICAELA		6	6000	5	0
GRUPO AVICOLA KAKI	SAN ANTONIO	84174	10	107000	25	8417.4
GRUPO AVICOLA KAKI	SAN GREGORIO	234119	57	280000	25	4107.350877
GRUPO AVICOLA KAKI	SAN JOSE DZITINA	87345	13	105000	25	6718.846154
GRUPO AVICOLA KAKI	STA. CRUZ TEKAU	41402	13	50000	25	3184.769231
JORGE M. PUERTO CABRERA	NIDIA MIREYA	35000	20	40000	15	1750
ALBERTO MEZQUITA P.	SANTA CRUZ		4	16000	12	0
JUAN MANUEL ORTIZ	SANTA KARLA	40000	14	45000	15	2857.142857
MARIO BAEZA BATES	MERCEDES	3000	6	3500	10	500
MIGUEL VILLASUSO	ISIDRO	4322	2	10000	5	2161
MIGUEL VILLASUSO	SAN MIGUEL	35000	12	50000	3	2916.666667
MIGUEL VILLASUSO	VICTORIA	7300	2	10000	5	3650
NIDIA ARAUJO MADERA	MERCEDES	7000	2	7000	5	3500
RAU RODRIGUEZ	SAN ANTONIO		4	15000	14	0
RICARDO ABRAHAM MAFUD	LA CANDELARIA	200000	19	200000	15	10526.31579
VICTOR JIMENEZ	FATIMA		6	25500	5	0
GONZALO MEDRANO	DZITYA	12638	3	15500	5	4212.666667
RUSSEL GONZALEZ	OLIVOS KOMCHEN	2200	3	10000	8	733.3333333
JORGE E. FERNANDEZ MARTIN	YOBAIN	4225	6	17500	5	704.1666667
CAMI	SACALUM 2	11343	6	13000	5	1890.5
CAMI	SACALUM 2	12509		13000	5	
JORGE E. FERNANDEZ M.	DZEMUL	41000	8	75000	10	5125
GRUPO AVICOLA KAKI	REPRODUCTORAS KAKI	16000	8	16500	10	2000
FAC MED VET. Y ZOO.	AREA AVICOLA	700	2	700	10	350
JORGE E. FERNANDEZ MARTIN	XOCHEL	79553	12	120000	13	6829.416667
IND. AVICOLA DEL STE.	RECEPTORA CAUCEL L-2	23283	5	10000	5	4656.6
IND. AVICOLA DEL STE.	SAMPOL L-22	29856	3	35000	5	9885.333333
IND. AVICOLA DEL STE.	SAN EDUARDO 1 L18	14082	3	14739	5	4694
IND. AVICOLA DEL STE.	SAN EDUARDO 2 L18A	12917	3	13604	5	4305.666667
IND. AVICOLA DEL STE.	SAN ROMAN 1 L14	24874	8	28350	5	3109.25
IND. AVICOLA DEL STE.	SAN ROMAN 2 L16	26066	8	28350	5	3258.25
IND. AVICOLA DEL STE.	SAN ROMAN 3 L19	28741	8	28350	5	3592.625
IND. AVICOLA DEL STE.	SAN ROMAN 4 L20	29180	8	28350	5	3647.5
IND. AVICOLA DEL STE.	SAN ROMAN 5 L12	22813	8	28350	5	2826.625
IND. AVICOLA DEL STE.	SAN ROMAN 6 L15	25084	8	28350	5	3135.5
IND. AVICOLA DEL STE.	SAN VICENTE 1 L17	13323	4	45000	5	3330.75
CAMI	S. VICENTE 2 L 21	13401	4	45000	5	3350.25
IND. AVICOLA DEL STE.	SAN VICENTE 3 L17A	13299	4	45000	5	3324.75
IND. AVICOLA DEL STE.	SAN VICENTE 4 L13	11621	4	45000	5	2905.25
IND. AVICOLA DEL STE.	SAN VICENTE 5 L13A	11197	4	45000	5	2799.25
CAMI	S. VICENTE 6 L21A	12569	4	45000	5	3142.25
FLOR GONZALEZ (EMPORIO)	KINCHIL CRECIMIENTO	16000	5	38000	5	3200
FLOR GONZALEZ (EMPORIO)	KINCHIL 1	13500	2	15264	5	6750
FLOR GONZALEZ (EMPORIO)	KINCHIL 2	13400	3	22896	5	4466.666667
GRUPO AVICOLA KAKI	REPRODUCTORAS KAKI	20950	8	25000	10	2618.75
ALVAR ESQUIVEL I.(KAKI)	REPROD. KAKI	4200		4500	10	
GRANJAS EL PROGRESO	EL PROGRESO MOD. 1	6276	3	12000	20	2092
GRANJAS EL PROGRESO	EL PROGRESO MOD. 2	7312	3	12000	10	2437.333333
GRANJAS EL PROGRESO	EL PROGRESO MOD. 3	4584	2	8000	10	2292
GRANJAS EL PROGRESO	EL PROGRESO MOD. 4	6881	2	8000	10	3440.5
GRANJAS EL PROGRESO	EL PROGRESO MOD. 5	5426	2	8000	10	2713
AVIPRODUCTOS SANJOR	23 DE FEBRERO	4642	24	15000	5	193.4166667
AVIPRODUCTOS SANJOR	4 DE JUNIO	6913	12	15000	5	578.0833333
AVIPRODUCTOS SANJOR	8 DE OCTUBRE	13600	2	15000	5	6800

AVIPRODUCTOS SANJOR	26 DE MAYO	12381	2	16500	5	6190.5
AVIPRODUCTOS SANJOR	18 DE FEBRERO	8906	2	15000	5	4453
AVIPRODUCTOS SANJOR	18 DE FEBRERO	3812			5	
AVIPRODUCTOS SANJOR	26 DE NOVIEMBRE	8651	2	16800	5	4325.5
AVIPRODUCTOS SANJOR	16 DE ABRIL	13573	2	15000	5	6786.5
AVIPRODUCTOS SANJOR	3 DE NOVIEMBRE	11735	2	15000	5	5867.5
GRANJA AVICOLA AMAY	AVICOLA AMAY		2	2500	13	0
IND. AVICOLA DEL STE.	SANTA LUZ	18600	2	19000	14	9300
IND. AVICOLA DEL STE.	LA POSTA	2400	2	2500	3	1200
IND. AVICOLA DEL STE.	KIKIL	2500	2	2500	3	1250
JORGE M. PUERTO CABRERA	SAN CARLOS	23000	6	24000	10	3833.333333
TOTAL NUMBERS		10619408		13507728	2205	

COMMERCIAL POULTRY CENSUS
YUCATAN, 1997

OWNER	FARM	# HOUSES	CAPACITY	POPULATION	SAMPLED POULTRY
AVICOLA FERNANDEZ	EL CEIBO	6	228000	14700	20
AVICOLA FERNANDEZ	LUCECITA	12	134400	132000	25
AVICOLA FERNANDEZ	MARIA DE LA LUZ	12	134400	129000	22
AVICOLA FERNANDEZ	TETIZ CRECIMIENTO	8	180000	175000	25
AVICOLA FERNANDEZ	SAN FRANCISCO+D125	8	134400	11000	25
ERNESTO MOLINA MEDINA	DZITINA	8	27000	14000	36
GRANJAS KAKI	ACANCEH CRIANZA 1	10	38000	32410	25
GRANJAS KAKI	ACANCEH CRIANZA 2	5	45000	47421	25
GRANJAS KAKI	MATILDE	7	168000	111996	25
MIGUEL VILLASUSO GONZALEZ	LOS REYES	2	20000	20000	3
SANJOR	SAN DIONISIO	4	20000	17297	10
SANJOR	SAN POLICARPO	4	20000	12161	10
SANJOR	SANTA MARIA	4	20000	17751	10
SANJOR	SAN MIGUEL	4	20000	17328	10
CARLOS RAMAYO NAVARRETE	MOCOCHA 1	4	20000	20000	4
JORGE PUERTO CABRERA	SAN CARLOS	4	24000	22000	10
RENAN VILLALOBOS BUSTILLO			350	350	5
ALFREDO REYES BOLIO			140	60	6
EDUARDO URZAIS	EL CORTIJO		450	250	5
JESUS DIAZ OSORIO	LOS ALMENDROS		250	250	5
JOSE EROSA DENIS	PEPETO		200	180	5
ANGEL PRIETO CETINA	SAN ANTONIO CHIMAL		12500	5796	6
JORGE RODRIGUEZ			200	120	5
PASTOR CERVERA PACHECO	SANTA GERTRUDIS COPO		60	30	5
VICENTE RODRIGUEZ	STA MARIA CHI	1	2200	2000	3
VICENTE RODRIGUEZ	SANTA CRUZ	1	2200	2000	3
VICENTE RODRIGUEZ	X'CUYUN	1	11500	10400	3
VICENTE RODRIGUEZ	TIXEPEUAL	2	10000	1200	3
VICENTE RODRIGUEZ	TEKAT	1	7500	6000	3
VICENTE RODRIGUEZ	MAXCANU	1	2400	1800	3
VICENTE RODRIGUEZ	SITPACH	1	2400	2000	3
VICENTE RODRIGUEZ	CEPEDA	1	5000	1900	3
VICENTE RODRIGUEZ	CEPEDA	1		1950	2
AGROINDUSTRIAS PUERTO	MARIA DOLORES	9	32000	16000	10
AGROINDUSTRIAS PUERTO	MARIA LUISA	7	122500	105000	10
AGROINDUSTRIAS PUERTO	RUBEN	12	83000	45000	10
AVICOLA FERNANDEZ	ACANCEH	54	805000	700000	30
AVICOLA FERNANDEZ	CHICXULUB	20	275000	230000	30
AVICOLA GONZALEZ	EL RAMONAL	5	50000	49000	9
AVICOLA GONZALEZ	EL ROBLE	6	56000	47500	9
AVICOLA GONZALEZ	GRANJA SIN LUIS 1	5	50000	43000	9
AVICOLA GONZALEZ	MALVINAS	8	17000	8420	3
AVICOLA GONZALEZ	SABACCHE	2	20000	18500	6
AVICOLA GONZALEZ	SAN LUIS 2	6	60000	50000	9
AVICOLA GONZALEZ	SAN LUIS 3	5	60000	57700	8
AVICOLA GONZALEZ	SAN LUIS 4	5	50000	40000	9
AVICOLA GONZALEZ	SAN MANUEL 2	2	15200	3300	6
AVICOLA GONZALEZ	SANTA CRUZ	3	15000	10000	5
CAMPÍ	BACA 1	6	58936	12200	12
CAMPÍ	BACA 2	3	28280	25000	12
CAMPÍ	BACA 3	12	165080	27500	12
CAMPÍ	CHOCHOLA	8	69750	69750	9
CAMPÍ	CONKAL 1	4	28575	28000	3
CAMPÍ	CONKAL 2	6	57465	28000	3
CAMPÍ	EL NAZARENO	4	27000	25200	5
CAMPÍ	HALACHO 1	9	131288	118000	23
CAMPÍ	HALACHO 2	10	133144	120000	23
CAMPÍ	HALACHO 3	8	135000	123000	23
CAMPÍ	KIKTEIL	7	82688	60000	3
CAMPÍ	LA ESCONDIDA	3	45000	30000	15
CAMPÍ	MAPI	6	68500	68400	10
CAMPÍ	MOCOCHA 1	3	28800	28000	4
CAMPÍ	MOCOCHA 2	3	28688	28000	4
CAMPÍ	MOCOCHA 3	3	28688	28000	4
CAMPÍ	EL POLLO FELIZ	5	27000	27690	10
CAMPÍ	PROGRESO	3	22253	20000	9
CAMPÍ	SAN MIGUEL	5	40500	39800	10
CAMPÍ	SANTA TERESA	11	145000	150000	15
CAMPÍ	SECTOR DE PRODUCCION	4	67500	61500	3
CAMPÍ	SEYE	4	30000	29066	4
CAMPÍ	TEYA 1	8	135000	123000	6
CAMPÍ	TEYA 2	8	135000	123000	6
CAMPÍ	TEYA 3	8	135000	123000	6
CAMPÍ	TEYA 4	8	185000	123000	6
CAMPÍ	TEYA 5	10	185500	178000	6
CAMPÍ	TEYA 6	8	185000	128000	6
CAMPÍ	UAIM	4	67500	61500	3
CAMPÍ	XTANCIAS	13	28500	17000	15
CAMPÍ	YAXCOPOL 1	4	78000	78000	10
CAMPÍ	YAXCOPOL 2	4	78000	78000	10
GRANJAS EMPORIO	BACA 1	6	100000	100000	12
GRANJAS EMPORIO	BACA 2	6	100000	100000	12
GRANJAS EMPORIO	KIKTEIL	4	35000	33000	6
GRANJAS KAKI	EL ROBLE	20	200000	58832	30
GRANJAS PENINSULARES	PALOMAS	12	48000	46000	10
GRANJAS PENINSULARES	SAN CARLOS	6	60000	60000	10

GRANJAS PENINSULARES	SAN JUAN	3	30000	30000	9
GRANJAS PENINSULARES	SAN MATIAS	3	90000	90000	5
GRANJAS PENINSULARES	STA.MA.CHOCOLA MOD.1	5	60000	60000	9
GRANJAS PENINSULARES	STA.MA.CHOCOLA MOD.2	5	60000	60000	9
GRANJAS PENINSULARES	STA.MA.CHOCOLA MOD.3	5	60000	60000	9
SANJOR	22 DE NOVIEMBRE	17	400000	303000	12
SANJOR	23 DE ABRIL	6	120000	65000	28
SANJOR	AVEMAR	15	175000	175000	9
SANJOR	CRUCIFIJO	6	38000	36000	3
SANJOR	CUBICHE	9	180000	18000	18
SANJOR	KINCHIL	12	240000	240000	5
SANJOR	RANCHO ALEGRE	6	135000	110000	23
SANJOR	SACAPUC	6	120000	110000	18
SANJOR	SAN ALFREDO	3	58000	51000	10
SANJOR	SAN JORGE	3	36000	36000	10
SANJOR	SANJOR	3	60000	60000	10
SANJOR	SANTA CECILIA	3	51000	51000	10
SANJOR	SANTA FE	5	85000	80000	10
SANJOR	TIMUL 1	2	40000	38000	18
SANJOR	TIMUL 2	7	110000	100000	18
SANJOR	TIO RICARDO	5	100000	100000	10
GPO. AGROIND. ALCOHOLERO	PARAISO	1	3400	3000	5
VICENTE RODRIGUEZ	VIRIDIANA	5	7000	2000	3
JAVIER GOMEZ CANTO	SAN JOSE TZAL	7	10000	1500	3
AGUSTIN CAMARA	CI-HE	1	11000	9350	3
AGUSTIN CAMARA	SAN AGUSTIN	5	24000	22900	3
AVICOLA FERNANDEZ	CAUCEL	3	24500	23511	3
AVICOLA FERNANDEZ	CHENCOPO	15	150000	150000	10
AVICOLA FERNANDEZ	CONCEPCIONES	27	300000	270000	10
AVICOLA FERNANDEZ	FATIMA	12	120000	120000	25
AVICOLA FERNANDEZ	OXOLOM	8	310000	300000	20
AVICOLA FERNANDEZ	KABAH	6	180000	127900	20
AVICOLA FERNANDEZ	LABNA	6	240000	188700	20
AVICOLA FERNANDEZ	UXMAL	5	252400	221400	30
AVICOLA FERNANDEZ	CHICHEN ITZA	5	287280	280494	30
AVICOLA FERNANDEZ	SAYIL	5	239400	202800	30
AVICOLA FERNANDEZ	SAYIL		200000	185209	30
AVICOLA FERNANDEZ	MAYAPAN	5	250000	229700	30
AVICOLA FERNANDEZ	SAN ENRIQUE	12	120000	120000	25
AVICOLA FERNANDEZ	TETIZ POSTURA	12	120000	120000	25
AVICOLA FERNANDEZ	NOHUAYUM	12	135000	128401	25
AVICOLA FERNANDEZ	SAN JORGE	36	360000	285000	20
AVICOLA FERNANDEZ	TULUM	12	418300	393000	20
DIEGO NUÑEZ GONZALEZ	SANTA TERESITA	7	49000	14000	15
EDUARDO PEREZ	GUADALUPE	8	59200	55000	25
EDUARDO PEREZ	SAN PEDRO	8	28800	15200	13
ENRIQUE IX	CYNDY	3	17000	13000	3
ERNESTO MOLINA MEDINA	TAHMEK	7	49000	39000	7
GRANJAS KAKI	SAN ANTONIO	10	107000	103264	25
GRANJAS KAKI	SAN GREGORIO	27	280000	134279	25
GRANJAS KAKI	PETECTUNICH	30	309600	232022	25
GRANJAS KAKI	SAN JOSE DZITINA	13	105000	81518	25
GRANJAS KAKI	SANTA CRUZ TEKAU	5	50000	46121	25
GRANJAS KAKI	SN. FCO. LEPAN	8	100000	54224	5
JORGE PUERTO CABRERA	NIDIA MIREYA	12	40000	20000	15
JORGE PUERTO CABRERA	EL ESFUERZO	8	44000	35000	15
JOSE MEZQUITA	SANTA CRUZ	4	16000	11000	15
JUAN ORTIZ	SANTA KARLA	14	45000	10000	15
MARIO BAEZA BATES	LONDRES	6	3500	3000	10
MIGUEL VILLASUSO GONZALEZ	ISIDRO	2	10000	4168	5
MIGUEL VILLASUSO GONZALEZ	SAN MIGUEL	12	50000	40000	3
MIGUEL VILLASUSO GONZALEZ	VICTORIA	2	10000	3900	5
NIDIA ARAUJO	MERCEDES	2	7000	6870	3
RAUL RODRIGUEZ QUETZAL	SAN ANTONIO I	2	15000	8000	13
RAUL RODRIGUEZ QUETZAL	SAN ANTONIO II	2	4000	4000	3
RAUL RODRIGUEZ QUETZAL	SAN ANTONIO III				3
RICARDO ABRAHAM MAFUD	LA CANDELARIA	19	200000	200000	15
VICTOR JIMENEZ GIL	FATIMA	6	25500	20000	3
GONZALO MEDRANO LIZAMA	EJIDO DZITIA	3	15500	13000	3
ANGELA LOZA CHAVES	JASKUN	2	4200	3700	3
AVICOLA FERNANDEZ	YOBAIN	6	17500	6737	5
AVICOLA FERNANDEZ	DZEMUL	8	75000	42000	10
GRANJAS KAKI	REPRODUCTORAS KAKI	8	16500	16097	10
FAC. MEDICINA VET. Y ZOOTEC.	AREA AVICOLA	2	700	500	10
JUAN MANUEL GONZALEZ	BEATRIZ	4	3200	4000	10
AVICOLA FERNANDEZ	XOCCHEL	12	120000	98043	13
CAMPI	CAUCEL	5	10000	5100	5
CAMPI	SAMPOOL	3	35000	32008	5
CAMPI	SAN EDUARDO 1	3	14739	12572	5
CAMPI	SN. EDUARDO 2	3	13804	11574	5
CAMPI	SAN ROMAN 1	8	28350	26749	5
CAMPI	SAN ROMAN 2	8	28350	27300	5
CAMPI	SAN ROMAN 3	8	28350	25375	5
CAMPI	SAN ROMAN 4	8	28350	25926	5
CAMPI	SAN ROMAN 5	8	28350	25204	5
CAMPI	SAN ROMAN 6	8	28350	26800	5
CAMPI	SAN VICENTE 1	4	45000	45000	5
CAMPI	SAN VICENTE 2	4	45000	45000	5
CAMPI	SAN VICENTE 3	4	45000	45000	5
CAMPI	SAN VICENTE 4	4	45000	45000	5
CAMPI	SAN VICENTE 5	4	45000	45000	5
CAMPI	SAN VICENTE 6	4	45000	45000	5
GRANJAS EMPORIO	KINCHIL CRECIMIENTO	5	38000	15000	5

GRANJAS EMPORIO	KINCHIL I	2	15264	8000	5
GRANJAS EMPORIO	KINCHIL II	3	22896	19000	5
GRANJAS KAKI	REPRODUCTORAS KAKI	8	25000	19956	10
GRANJAS PENINSULARES	EL PROGRESO MOD. 1	3	12000	4029	10
GRANJAS PENINSULARES	EL PROGRESO MOD. 2	3	12000	6804	10
GRANJAS PENINSULARES	EL PROGRESO MOD. 3	2	8000	6089	10
GRANJAS PENINSULARES	EL PROGRESO MOD. 4	2	8000	6269	10
GRANJAS PENINSULARES	EL PROGRESO MOD. 5	2	8000	6897	10
CAMP1	STA. JULIANA 1	8	11520	11005	5
CAMP1	STA. JULIANA 2	6	11520	10897	5
CAMP1	STA. JULIANA 3	6	125000	12226	5
CAMP1	STA. JULIANA 4	6	110000	10768	5
CAMP1	STA. JULIANA 5	6	138000	13574	5
CAMP1	STA. JULIANA 6	6	15000	13574	5
SANJOR	23 DE FEBRERO	24	15000	10637	5
SANJOR	4 DE JUNIO	12	15000	9671	5
SANJOR	8 DE OCTUBRE	2	15000	9271	5
SANJOR	26 DE MAYO	2	16500	15754	5
SANJOR	18 DE FEBRERO	2	15000	12008	5
SANJOR	26 DE NOVIEMBRE	2	16600	11270	5
SANJOR	16 DE ABRIL	2	15000	10516	5
SANJOR	3 DE NOVIEMBRE	2	15000	9416	5
SANJOR	30 DE NOVIEMBRE	2	16600	14024	13
ASIST. A LA MATER. EN YUC.	AMAY	1	2500	1900	6
ASIST. A LA MATER. EN YUC.	AMAY	1			5
GONZALO MEDRANO	EL GRAN TOLETE	2	5200	7000	10
SERGIO MEDINA HERNANDEZ		1	47	80	5
TOTAL NUMBERS			15314455	12188760	2173

**NEWCASTLE DISEASE SAMPLING IN COMMERCIAL FARMS
YUCATAN, 1998**

OWNER/ENTERPRISE	FARM	# SAMPLES	# HOUSES
AVICOLA FERNANDEZ	EL CEIBO	29	6
AVICOLA FERNANDEZ	LUCECITA	29	12
AVICOLA FERNANDEZ	MARIA DE LA LUZ	29	12
AVICOLA FERNANDEZ	TETIZ CRECIMIENTO	29	8
AVICOLA FERNANDEZ	SANTO NIÑO	29	8
ERNESTO MOLINA MEDINA	DZITINA	29	8
GONZALO MEDRANO LIZAMA	SAN LAZARO	VACIA	2
GRANJAS KAKI	ACANCEH CRIANZA 1	29	10
GRANJAS KAKI	ACANCEH CRIANZA 2	29	5
GRANJAS KAKI	MATILDE	29	7
MIGUEL VILLASUSO	LOS REYES	VACIA	2
SANJOR	SAN DIONISIO	29	4
SANJOR	SAN POLICARPO	29	4
SANJOR	SANTA MARIA	29	4
SANJOR	SAN MIGUEL	29	4
CARLOS RAMAYO NAVARRETE	MOCOCHA 1	VACIA	4
JORGE PUERTO	SAN CARLOS	VACIA	4
RENAN VILLALOBOS BUSTILLO	XCUMPICH	29	s/d
ALFREDO REYES BOLIO	LOS REYES	21	s/d
EDUARDO URZAIS	EL CORTIJO	29	s/d
JESUS DIAZ OSORIO	LOS ALMENDROS	29	s/d
JESUS FLORES	PEPETO	29	s/d
ANGEL PRIETO CETINA	SAN ANTONIO CHIMAL	30	s/d
VICENTE RODRIGUEZ	STA. MARIA CHI	29	1
VICENTE RODRIGUEZ	SANTA CRUZ	29	1
VICENTE RODRIGUEZ	X'CUYUN	29	1
VICENTE RODRIGUEZ	TIXPEUAL	29	2
VICENTE RODRIGUEZ	TEKAT	29	1
VICENTE RODRIGUEZ	MAXCANU (SAN JULIO)	29	1
VICENTE RODRIGUEZ	SITPACH	29	1
VICENTE RODRIGUEZ	CEPEDA	VACIA	1
AGROINDUSTRIAS PUERTO	MARIA DOLORES	29	9
AGROINDUSTRIAS PUERTO	MARIA LUISA	29	7
AGROINDUSTRIAS PUERTO	RUBEN	29	12
AVICOLA FERNANDEZ	ACANCEH	29	54
AVICOLA FERNANDEZ	CHICXULUB	29	20
AVICOLA GONZALEZ	EL EMPORIO	29	2
AVICOLA GONZALEZ	EL RAMONAL	29	5
AVICOLA GONZALEZ	EL ROBLE	29	6
AVICOLA GONZALEZ	GRANJA SN LUIS 1	29	5
AVICOLA GONZALEZ	SABACCHE	25	2
AVICOLA GONZALEZ	SAN LUIS 2	29	6
AVICOLA GONZALEZ	SAN LUIS 3	29	5
AVICOLA GONZALEZ	SAN LUIS 4	29	5
AVICOLA GONZALEZ	SAN MANUEL 1	29	9
AVICOLA GONZALEZ	SAN MANUEL 2	29	2
AVICOLA GONZALEZ	SAN MARCOS	VACIA	8
AVICOLA GONZALEZ	SANTA CRUZ	29	3
CAMPI	BACA 1	29	6
CAMPI	BACA 2	29	3
CAMPI	BACA 3	29	12
CAMPI	CHOCHOLA	29	8
CAMPI	CONKAL 1	29	4
CAMPI	CONKAL 2	29	6
CAMPI	EL NAZARENO	29	4
CAMPI	HALACHO 1	29	9
CAMPI	HALACHO 2	29	10
CAMPI	HALACHO 3	29	8
CAMPI	KIKTEIL	29	7
CAMPI	LA ESCONDIDA	29	3
CAMPI	MAPI	29	6
CAMPI	MOCOCHA 1	29	3
CAMPI	MOCOCHA 2	29	3

CAMPI	MOCOCHA 3	29	3
CAMPI	EL POLLO FELIZ	29	5
CAMPI	PROGRESO	29	3
CAMPI	SAN MIGUEL	29	5
CAMPI	SANTA TERESA	29	11
CAMPI	SECTOR DE PRODUCCION	29	4
CAMPI	SEYE	8	4
CAMPI	TEYA 1	29	8
CAMPI	TEYA 2	29	8
CAMPI	TEYA 3	29	8
CAMPI	TEYA 4	29	8
CAMPI	TEYA 5	29	10
CAMPI	TEYA 6	29	8
CAMPI	UAIM	29	4
CAMPI	XTANCIAS	29	13
GRANJAS EMPORIO	BACA 1	29	6
GRANJAS EMPORIO	BACA 2	29	6
GRANJAS EMPORIO	KIKTEIL	29	4
GRANJAS KAKI	EL ROBLE	29	20
GRANJAS PENINSULARES	PALOMAS	29	12
GRANJAS PENINSULARES	SAN CARLOS	29	6
GRANJAS PENINSULARES	SAN JUAN	29	3
GRANJAS PENINSULARES	SAN MATIAS	29	3
GRANJAS PENINSULARES	STA.MA.CHOCHOLA MOD.1	30	5
GRANJAS PENINSULARES	STA.MA.CHOCHOLA MOD.2	30	5
GRANJAS PENINSULARES	STA.MA.CHOCHOLA MOD.3	30	5
RUSSEL CANUL CANUL	S/N 2	VACIA	2
SANJOR	22 DE NOVIEMBRE	29	17
SANJOR	23 DE ABRIL	29	6
SANJOR	AVEMAR	29	15
SANJOR	CRUCIFIVO	29	6
SANJOR	CUBICHE	29	9
SANJOR	KINCHIL	29	12
SANJOR	RANCHO ALEGRE	29	6
SANJOR	SACAPUC	29	6
SANJOR	SAN ALFREDO	29	3
SANJOR	SAN JORGE	30	3
SANJOR	SANJOR	29	3
SANJOR	SANTA CECILIA	29	3
SANJOR	SANTA FE	30	5
SANJOR	SATURNO	VACIA	1
SANJOR	TIMUL 1	29	2
SANJOR	TIMUL 2	29	7
SANJOR	TIO RICARDO	29	5
JORGE LORIA PEREZA	DOÑA COCORICA	30	5
GPO. AGROIND. ALCOHOLERO	PARAISO	VACIA	1
VICENTE RODRIGUEZ SOLIS	VIRIDIANA	VACIA	5
JAVIER GOMEZ CANTO	SAN JOSE TZAL	VACIA	7
AVICOLA FERNANDEZ	CAUCEL	29	3
AVICOLA FERNANDEZ	CHENCOPO	29	15
AVICOLA FERNANDEZ	CONCEPCIONES	29	27
AVICOLA FERNANDEZ	FATIMA	29	12
AVICOLA FERNANDEZ	OXOLOM	29	8
AVICOLA FERNANDEZ	KABAH	29	6
AVICOLA FERNANDEZ	LABNA	29	6
AVICOLA FERNANDEZ	UXMAL	25	5
AVICOLA FERNANDEZ	CHICHEN ITZA	25	5
AVICOLA FERNANDEZ	SAYIL	29	5
AGUSTIN CAMARA	CI-HE	29	3
AVICOLA FERNANDEZ	SAN ENRIQUE	29	12
AVICOLA FERNANDEZ	TETIZ POSTURA	29	12
AVICOLA FERNANDEZ	TIXKOKOB	26	22
AVICOLA FERNANDEZ	NOHUAYUM	29	12
AVICOLA FERNANDEZ	SAN JORGE	29	36
AVICOLA FERNANDEZ	TULUM	29	12
CARLOS RAMAYO NAVARRETE	SAN CARLOS	VACIA	8
DIEGO NUÑEZ GONZALEZ	SANTA TERESITA	29	7
EDUARDO PEREZ	GUADALUPE	29	8

EDUARDO PEREZ	SAN PEDRO	29	8
ENRIQUE IX	CYNDY	29	3
ERNESTO MOLINA MEDINA	TAHMEK	29	7
AGUSTIN CAMARA	SAN AGUSTIN	29	4
GIOVANNI ORTEGA	SANTA MICAELA	30	2
GEOVANNI DURAN ORTEGA	MARIA DEL CARMEN	30	3
GRANJAS KAKI	SAN ANTONIO	29	10
GRANJAS KAKI	SAN GREGORIO	29	27
GRANJAS KAKI	PETECTUNICH	29	30
GRANJAS KAKI	SAN JOSE DZITINA	29	13
GRANJAS KAKI	SANTA CRUZ TEKAU	29	5
GRANJAS KAKI	SN. FCO. LEPLAN	29	8
JORGE PUERTO CABRERA	NIDIA MIREYA	29	12
JORGE PUERTO CABRERA	EL ESFUERZO	29	8
JOSE MEZQUITA	SANTA CRUZ	30	4
JUAN ORTIZ	SANTA KARLA	30	14
MARIO BAEZA BATES	LONDRES	29	6
ANTONIO CEBALLOS Y FRANCO	SAN JOAQUIN	30	5
MIGUEL VILLASUSO GONZALEZ	ISIDRO	29	2
MIGUEL VILLASUSO GONZALEZ	SAN MIGUEL	29	12
MIGUEL VILLASUSO GONZALEZ	VICTORIA	29	2
NIDIA ARAUJO	MERCEDES	29	2
RAUL RODRIGUEZ QUETZAL	SAN ANTONIO 1	30	2
RAUL RODRIGUEZ QUETZAL	SAN ANTONIO II	30	2
RICARDO ABRAHAM MAFUD	LA CANDELARIA	29	19
ROGELIO GONZALEZ	SAN ANTONIO TOHO-KU	VACIA	4
SOCIEDAD EJIDAL CAMPESINA	AMIRA GUADALUPE	VACIA	2
VICTOR JIMENEZ GIL	FATIMA	29	6
GONZALO MEDRANO	EJIDO DZITIA	30	3
AVICOLA GONZALEZ	LOS OLIVOS	29	5
COMERCAM	OLIMPO	29	5
AVICOLA GONZALEZ	MALVINAS	29	4
AVICOLA FERNANDEZ	SAMAHL	26	5
AVICOLA FERNANDEZ	YOBAIN	29	5
CAMPI	SACALUM 2	29	3
AVICOLA FERNANDEZ	DZEMUL	29	8
GRANJAS KAKI	REPRODUCTORAS KAKI	29	3
FAC.MEDICINA VET.Y ZOOTEC.	AREA AVICOLA	10	2
MIGUEL CANO ALVAREZ	SANTA MA. ACU	29	2
AVICOLA FERNANDEZ	XOCCHEL	29	18
CAMPI	CAUCEL	29	5
CAMPI	SAMPOOL	29	3
CAMPI	SAN EDUARDO 1	29	3
CAMPI	SN. EDUARDO 2	29	3
CAMPI	SAN ROMAN 1	29	8
CAMPI	SAN ROMAN 2	29	8
CAMPI	SAN ROMAN 3	29	8
CAMPI	SAN ROMAN 4	29	8
CAMPI	SAN ROMAN 5	29	8
CAMPI	SAN ROMAN 6	29	8
CAMPI	SAN VICENTE 1	29	4
CAMPI	SAN VICENTE 2	29	4
CAMPI	SAN VICENTE 3	29	4
CAMPI	SAN VICENTE 4	29	4
CAMPI	SAN VICENTE 5	29	4
CAMPI	SAN VICENTE 6	29	4
CAMPI	SACALUM 3	29	4
GRANJAS EMPORIO	KINCHIL CRECIMIENTO	29	5
CAMPI	YAXCOPOIL 1	29	5
CAMPI	YAXCOPOIL 2	29	5
GRANJAS EMPORIO	KINCHIL I	29	2
GRANJAS EMPORIO	KINCHIL II	29	3
GRANJAS KAKI	REPRODUCTORAS KAKI	29	8
GRANJAS PENINSULARES	EL PROGRESO MOD. 1	29	3
GRANJAS PENINSULARES	EL PROGRESO MOD. 2	35	3
GRANJAS PENINSULARES	EL PROGRESO MOD. 3	35	2
GRANJAS PENINSULARES	EL PROGRESO MOD. 4	35	2
GRANJAS PENINSULARES	EL PROGRESO MOD. 5	35	2

INCUBADORA PENINSULAR	SANTA JULIANA	VACIA	26
SANJOR	23 DE FEBRERO	29	24
SANJOR	4 DE JUNIO	29	12
SANJOR	8 DE OCTUBRE	29	2
SANJOR	26 DE MAYO	29	2
SANJOR	18 DE FEBRERO	29	2
SANJOR	26 DE NOVIEMBRE	29	2
SANJOR	16 DE ABRIL	29	2
SANJOR	3 DE NOVIEMBRE	29	2
SANJOR	30 DE NOVIEMBRE	29	2
IND. AVICOLA DEL STE.	SACALUM 1	29	6
TOTAL NUMBERS		5628	1288