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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Guatemala City, C. A.

December 9, 1940

Dr. Wilson Popenoe
Guatemala City

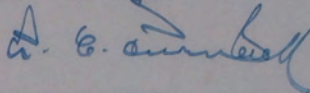
Dear Doctor:

I am sending herewith copies of correspondence regarding the Agricultural School, as follows:

My letter of November 25 to President Ubico
His reply dated November 29
My letter of December 2 to Mr. Pollan, from Bananera

I received the copy of letter meant for Sanderson in Costa Rica which got in your mail by mistake. Thank you.

Yours very truly,



W. E. Turnbull

Dr. Wilson Popenoe

COPY

Guatemala City

25 de noviembre de 1940

Excmo. Señor Presidente de la República
General don Jorge Ubico
Casa Presidencial
Guatemala

Señor Presidente:

Durante una entrevista que Ud. me concedió el día 8 de octubre pasado, manifesté a Ud. que la Compañía que represento deseaba contribuir al desarrollo de la Escuela de Agricultura que su Honorable Gobierno tiene en Chimaltenango, construyendo un pequeño establo moderno.

En otras ocasiones he hablado con Ud. respecto a la conveniencia de reemplazar al actual Director Técnico de la Escuela de Chimaltenango con alguna persona más apta y capacitada. El Dr. Wilson Popenoe, asociado nuestro, está en la actualidad procurando conseguir los servicios del Doctor Alberto S. Muller, Fitopatólogo en la Estación Experimental del Ministerio de Agricultura y Cría en Caracas, Venezuela, para el puesto en la Escuela de Chimaltenango.

El Sr. Muller durante ocho años fué Sub-Director de la Escuela Agrícola en el estado de Minas Geraes en El Brasil. Es ciudadano de los Estados Unidos, soltero, de 38 años de edad. Posee el español y el portugués. Tiene cuatro años de trabajar en Venezuela, estuvo tres años trabajando en Puerto Rivo. Es graduado de la Universidad de Cornell. El Dr. Popenoe lo conoce desde hace unos tres años.

Tenemos la esperanza de que el Sr. Muller acepte la oferta que le haremos y pueda venir a Guatemala en marzo próximo.

Salvo mejor parecer de Ud. creo yo que sería conveniente ~~post~~ posponer la construcción del pequeño establo moderno hasta la llegada del Dr. Muller, en caso de que aceptara el puesto ya mencionado, y siempre que Ud. estuviera de acuerdo con ello.

Como siempre me es grato ponerme a sus respetables órdenes, y aprovecho esta oportunidad para suscribirme como su atento servidor y amigo,

W. E. Turnbull

cc Mr. A. A. Pollan
Mr. H. T. Heyl

Bananera, Guatemala.
December 2, 1940.

*Dr. Robinson
extra copy*

Mr. A. A. Follen
United Fruit Company
Executive Vice-President
Boston, Massachusetts.

Dear Mr. Follen:

Referring to my letter of the 25th ultimo to President Ubico regarding the dairy barn at the Agricultural School in Chimaltenango and our trying to get services of Dr. Alberto S. Muller, to replace Dr. Johnston, who is at present director of the Chimaltenango School.

Attached please find copy of President Ubico's reply dated on November 29th, No. 12644, wherein he states that if we are able to hire Dr. Muller it will be in order to postpone the construction of the dairy barn until Dr. Muller is at Chimaltenango.

Not long ago I wrote to you about this dairy barn and mentioned that the President had told me that he preferred the "Brown-Swiss" brand of cattle for Chimaltenango. I asked Mr. Heyl, or intended to ask him, to see Manuel Herrera, who has "Brown-Swiss" cattle. I spoke to don Manuel recently and he indicated he is in the market for more "Brown-Swiss" cattle - that the best thing for us to do would be to order them direct from Switzerland and that he would like to place an order for a good cow at the same time.

Since talking to don Manuel I was advised by General Anzueto that good "Brown-Swiss" cattle can be obtained from Mexico, or perhaps from some other one in Guatemala besides don Manuel.

I hope we get Dr. Muller for the Chimaltenango School and that we are able to build a nice modern dairy barn. Also I hope very much indeed that we get some good "Brown-Swiss" cattle perhaps one bull, and four cows, even though they cost more than we anticipate, because I am quite sure that the President expects something like this and would be very well pleased with our getting just what he asked for. It seems ^{as} ~~that~~ if we had a few months time before we have to do anything as regards purchasing the cattle.

Mr. A. A. Pollan

- 2 -

December 2, 1940.

Mr. Heyl, who gets copy of this letter, is requested to look into the matter of locating the cattle referred to.

^{To} Dr. Popenoe, who receives copy of this letter, I am also sending copy of my letter of November 25th to the President.

Yours very truly,



W. E. Turnbull

Enclosure

Copy to: Mr. H. T. Heyl (Enclosure)
Dr. W. Popenoe (Enclosures)

GUATEMALA DIVISIONS

La Lima, Honduras

October 14, 1940

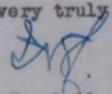
Mr. H. T. Heyl
Puerto Barrios

Dear Mr. Heyl:

Regarding our helping the Agricultural School in Chimaltenango by erecting for our account a small modern dairy with a few animals, all of this at a total cost not to exceed FOUR THOUSAND DOLLARS:

Confirming our conversation last week about this matter, I wish that at your convenience you handle it along the lines that you think most advisable. If Dr. Popence is in Guatemala City he will be glad to help out, as will of course Dr. Johnston. Please set aside enough of the \$4,000.00 to permit getting one or two bulls of the "Brown-Swiss" stock which President Ubico told me he preferred to all others. I understand that you can get some "Brown-Swiss" stock in Guatemala probably from our good friend don Manuel Herrera.

Yours very truly



W. E. Turnbull

cc Mr. A. A. Pollan
Dr. Wilson Popence

C O P I A

25 de noviembre de 1940

Excmo. Señor Presidente de la República
General don Jorge Ubico
Casa Presidencial
Guatemala

Señor Presidente:

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Tenemos la esperanza de que el Sr. Muller acepte la oferta que le haremos y pueda venir a Guatemala en marzo próximo.

Salvo mejor parecer de Ud. creo yo que sería conveniente posponer la construcción del pequeño estable moderno hasta la llegada del Dr. Muller, en caso de que aceptara el puesto ya mencionado, y siempre que Ud. estuviera de acuerdo con ello.

Como siempre me es grato ponerme a sus respetables órdenes, y aprovecho esta oportunidad para suscribirme como su atento servidor y amigo,

(F) W. E. Turnbull

Bananera, Guatemala.
December 2, 1940.

Mr. A. A. Pollan
United Fruit Company
Executive Vice-President
Boston, Massachusetts.

Dear Mr. Pollan:

Referring to my letter of the 25th ultimo to President Ubico regarding the dairy barn at the Agricultural School in Chimaltenango and our trying to get services of Dr. Alberto S. Muller, to replace Dr. Johnston, who is at present director of the Chimaltenango School.

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Mr. A. A. Pollan

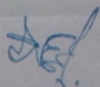
- 2 -

December 2, 1940.

Mr. Heyl, who gets copy of this letter, is requested to look into the matter of locating the cattle referred to.

To Dr. Popenoe, who receives copy of this letter, I am also sending copy of my letter of November 25th to the President.

Yours very truly,


W. E. Turnbull

Enclosure

Copy to: Mr. H. T. Heyl (Enclosure)
Dr. W. Popenoe (Enclosures)

COPY

Núm: 12644

EL PRESIDENTE

Ref: 133(03) Memo.28-11-40 GG.

de la
República de Guatemala
América Central

Guatemala, 29 de noviembre de 1940

Señor W. E. Turnbull
United Fruit Company
Ciudad

En respuesta a su atenta carta de fecha 25 de Noviembre en curso, me es grato manifestarle que si el Doctor Alberto S. Muller acepta el cargo, se le designará Director de la Escuela de Agricultura, y que, como usted, estimo conveniente que la construcción del "establo moderno", - con que la Compañía que representa contribuirá al desarrollo de dicha Escuela, - se posponga hasta la llegada del indicado Doctor Muller.-

Sin otro particular, me suscribo de usted como su muy atento servidor y amigo,

(Sgd). Jorge Ubico

Boston, Massachusetts
December 10, 1940

Mr. W. E. Turnbull
Assistant Vice President
La Lima, Honduras

Dear Mr. Turnbull:

I have your letter of the 2nd instant regarding dairy barn at the Agricultural School in Chimaltenango.

I take it that you are contacting Dr. Alberto S. Muller and that it will not be necessary for us to do anything on that matter.

As regards the dairy cattle, I have asked the Purchasing Department to endeavor to locate herds of "Brown-Swiss" cattle in the United States and to secure prices on them. I will pass this information on to you just as soon as possible.

Yours very truly,

A. A. Pelean
c

Copy to: Mr. H. T. Heyl
Dr. Wilson Popenoe

Guatemala City, C. A.

December 13, 1940

Dr. Wilson Popenoe
% United Fruit Company
Guatemala City

Dear Doctor:

I am leaving Cortes on the 15th for New Orleans. I will fly back from there to Guatemala Monday the 23rd and leave in the morning of the 24th for La Lima. If you have any definite reply from Dr. Muller during that time I would like to be advised.

Merry Christmas and Happy New Year to Mrs. Popenoe and to you.

Sincerely,

W. E. Turnbull

W. E. Turnbull

Have just recd your letter advising
that Muller will be here on
the 23rd Sorry I cant see him
but glad you will

Antigua, Guatemala, 30 December 1940

Mr M V Molanphy,
United Fruit Company,
Guatemala City.

Dear Mr. Molanphy:

Dr. Albert S. Muller, who as you know is here on Company account, purchased only a one-way ticket from Caracas because he did not have cash on hand to purchase round trip. Reservations have been made for his return to Caracas, leaving here Thursday morning January 2nd. Can you write a letter to Panair, Guatemala City, authorising them to charge this return transportation to United Fruit, and discounting 10% in accordance with the yellow coupon enclosed herewith?

Dr Muller would like to stay here tomorrow, Tuesday, not coming over to the City until Wednesday afternoon, and since Wednesday is a holiday, he would appreciate it if his ticket could be sent out to the airport or delivered to him at the Palace Hotel Wednesday night.

Sincerely,

Wilson Popenoe

cc Mr W.K.E. Turnbull

Antigua, Guatemala, 1 January 1941

Mr W E Turnbull, Assistant Vice-President,
La Lima, Honduras.

Dear Mr. Turnbull:

After going over the situation at the Escuela Nacional Central in Chimaltenango, Dr. Albert S. Muller feels that the conditions meet the requirements of agricultural education in this Republic, so far as area, soil, and climate are concerned; and with the understanding that the students would have to get their training with such strictly tropical crops as bananas, cane and cacao through excursions to warmer regions.

He considers that classrooms are adequate for the present, but for the field or practical end, which is even more important, he gets the impression that everything is still very much in a makeshift stage. He finds that adequate equipment is almost wholly lacking for sound instruction in such sciences as botany, chemistry, and the like. And as for farm machinery and farm animals, the school is not even as well equipped as the majority of better farms in this country. This is a bad situation: How are the boys to be taught good agriculture if they do not have equipment with which to work?

The curriculum, as set forth in the "Programa" of the school (published by the government) seems to Dr. Muller quite satisfactory. He would suggest very few changes. For example, Physics is given in the fourth year, after the students have had courses in general agriculture and farm machinery, when it should be a preliminary to the latter.

Dr. Muller would suggest building up equipment for the practical courses, before devoting much attention to that for the more theoretical subjects.

In order to familiarise himself with needs and equipment, Dr. Muller proposes to stop in San José de Costa Rica on his way back to Venezuela, and go over the work at the agricultural school in that city (undoubtedly the best in Central America at the present time), where conditions are very similar to those in Guatemala. And before taking up the work here, he would of course want to inform himself thoroughly regarding President Ubico's aims and plans for the school here. This he has not yet been able to do, for reasons which are self-evident.

One thing in particular which Dr. Muller feels that the school in Chimaltenango needs is good experimental and demonstration plantings of field crops, fruit trees, and even timber trees. These would be of value not only to the school alone, but would assist in the general development of Guatemalan agriculture through making the school a center of agricultural investigation. When such plantings have been developed, Dr. Muller suggests that annual "field days" or demonstrations might well be staged at the school, to which agriculturists in general would be invited. Through these, farmers would see the value of sending their boys to the school, and the quality of the student body would gradually be improved. This, it seems to me, is a promising possibility.

Dr. Muller is willing to accept the post of Director of the school as offered by us, but he cannot yet be quite certain as to when he can leave Venezuela without upsetting the work at the school in Caracas where he is at present occupying the chair of Professor of Plant Pathology and Microbiology. It is possible

that he may have to remain in Venezuela until the end of June, but he will do his best to get away at the end of February. He is anxious to get on the job here as soon as it can be done, but both he and I realize the necessity of satisfying his obligations to the Venezuelan government fully, even though he is under no contract there.

When he is able to leave Venezuela, he would like to come here by way of New York, spending a couple of weeks there to see his parents whom he has not visited for some time. It appears, therefore, that we can count upon his being here not earlier than the end of March nor later than the end of June.

In accordance with your instructions, I have told Dr. Muller that he will receive here a salary of Three Hundred and Fifty Dollars (\$350.00) U.S. currency or its equivalent, which salary is guaranteed by the United Fruit Company though it will be paid him by the Ministerio de Educación Pública. He further understands that he will in general be given the same consideration by us as would be given to one of our own employees: that is, we will furnish him steamship transportation on our ships without cost from Barrios to New York when he desires to go on vacation, not more frequently than once each year; and that in case of need he will have medical treatment and hospitalization either at Tiquisate or Guazirigá.

Dr. Muller asks that he be furnished transportation from La Guaira to New York and New York to Barrios when he comes to take up his post, and subject to your approval I have told him I thought this would be in order. When he comes down from New York he will probably want to bring an automobile with him, and would like the privilege of bringing it at Company employees rate.

It is understood that he will be furnished living quarters at the school by the government without cost to himself; that these quarters will be furnished decently; and that mess charges are for his own account. We are not quite clear as to what furniture now at the school is the personal property of Doctor Johnston and what belongs to the school. In the case of furniture which is the property of the school not being sufficient, would it not be possible to loan him a few items from the M&S at Tiquisate or Bananera?

Dr. Muller understands that the United Fruit Company does not obligate itself financially beyond the amount of his salary; but he also understands that money for the Model Dairy at the school has been authorized and that this fund will be available for the purpose mentioned. And I have further told him that we will try to help out from time to time, as occasion arises, with plant materials (trees, seeds, etc) and that it is further probable that we may be able to assist with items of needed equipment when we have them available in the Company - such as a plow, a harrow, a few simple engineering instruments or laboratory items. There are no specific promises in this connection, of course, but I know it is your intention to help the school along as opportunity offers.

Dr. Muller will keep you informed of his plans and ask you to arrange transportation when the time comes. In the meantime, his address is c/o Ministerio de Agricultura y Cria, Caracas, where you can write him with regard to the matters mentioned in this memo, and give him instructions as to what he is to do when he reaches Guatemala.

Yours sincerely,

*Ans. from copy
Henderson 1/26*

UNITED FRUIT COMPANY

GENERAL OFFICES, ONE FEDERAL STREET
BOSTON, MASSACHUSETTS

14th August 1941

WILLIAM K. JACKSON
VICE PRESIDENT

AIR MAIL

Dr. Wilson Popenoe
Agricultural Assistant
Tela Railroad Company
La Lima, Honduras

Dear Dr. Popenoe:

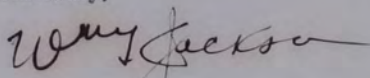
I enclose herewith copy of a letter which I wrote to Mr. Heyl on the 1st July, together with a copy of his reply of July 18th. I am also sending to you under separate cover a copy of the GUERNSEY BREEDERS' JOURNAL of August 1, 1941. I call your attention to the article appearing on page 192 relative to the National Dairy Show of Costa Rica.

I certainly have no criticism to make of either the Brown Swiss or the Holstein breed of cows. However, from the standpoint of table milk, I do not think either of these breeds takes the place of either the Guernsey or the Jersey.

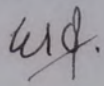
It has occurred to me that there must be some dairy owners in Guatemala City who might be interested in either learning something about the Guernsey breed or acquiring a bull with high-producing pedigree. Naturally the American Guernsey Cattle Club is interested in having an expansion of the market in Central America for Guernseys. Costa Rica has a great many Guernseys and they do exceedingly well there. I should think that the same would be true of Guatemala. I am wondering if you could give me any suggestions as to the names of pure bred cattle owners in Guatemala City who might be interested in this matter. The owners of high-grade bulls here will often sell them to Central Americans very much less than the price asked here, so that there is a real opportunity for cattle owners in Central America to get the best bulls at relatively low prices. I saw Mr. Turnbull in New York yesterday and he said that you are in La Lima but that you expect to go to Guatemala City soon. I was hoping that Mrs. Popenoe and yourself could be in Boston some time soon and that we might have the pleasure of a visit from you.

Yours sincerely,

Enclosures.



P.S. I note that an Exposition is to be held from December 7 to the 24th at Comayaguela, Honduras. What about the need for a good Guernsey bull in Tegucigalpa? Maybe it would be advisable to send one down for the Honduras Fair.



PERSONAL

1st July 1941

Mr. H.T. Heyl, Manager
United Fruit Company
Puerto Barrios, Guatemala

Dear Heyl:

As I understand it, Guatemala holds a Fair and Exposition in November of each year. I do not know whether cattle are shown at this Exposition or not, but if so here is an idea which has occurred to me.

I was in Costa Rica in January of this year and found out that they were to have an Exposition in April. I went around and met several people there who have some pure bred registered Guernsey herds. After talking with them I decided to get a very fine young registered Guernsey bull and send him down to the Fair. I got Mr. Shultz, who is the field man for the American Guernsey Cattle Club to select a bull for me and he was shipped to Costa Rica. One of the local men who happened to be in the Banco Nacional in charge of rural credit loans received the bull and kept him until the Exposition. He was shown in the Exposition and then auctioned off to the highest bidder. He was sold so as to net \$350.00. This was a bull which would have sold up here for use in the United States at about \$600.00. There are breeders here with the finest kinds of herds who some times find themselves with surplus bulls and they will sell them for export for much less than they would here because they do not want to break the market here.

I have a small Guernsey herd at my Farm in Dublin, New Hampshire and know the officials of the American Guernsey Cattle Club very well. They would be willing to pick out for me a fine young bull and I have been wondering whether something of the same kind could be done in Guatemala which was done in Costa Rica. As you know, the Guernsey is one of the finest breed of milk cows. Their milk and butter is a deep golden color. Perhaps there are already people in Guatemala City or in that vicinity who own pure bred Guernsey herds. Undoubtedly some fine blooded bulls would be a great help in improving their herds.

I would appreciate it if you would let me know what the situation is and put me in contact with the people who might be interested in a proposition of this kind. I got the pedigree of the bull which I was going to send to Costa Rica and sent it to the man in the Banco Nacional de Costa Rica and before shipping the bull he told me that he himself would pay \$350.00 for the bull at the auction. I could select a bull and send the pedigree to Guatemala so that any one who knows about such matters could see the type of the bull which would be sent. Because of the fact that the finest bulls can be secured at reasonable prices for export they might be willing to indicate that they would make a bid at least equivalent of the cost of the bull here.

In Costa Rica the Government pays all transportation charges, steamship and rail, for pure bred registered bulls. Is there any such similar practice followed by the Government of Guatemala?

I would appreciate any information you can give me along the above lines.

Yours very truly,

Wm. K. Jackson

C
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Y

UNITED FRUIT COMPANY
General Offices, One Federal Street, Boston, Mass.

OFFICE OF MANAGER

GUATEMALA DIVISION
Puerto Barrios, Guatemala
Bananera, July 18, 1941 (H)

Mr. William K. Jackson
Boston

Dear Mr. Jackson:

I wish to acknowledge your letter of July 1 regarding disposing of a Guernsey bull in Guatemala.

The Guatemalan Government holds an Exposition in November of each year and cattle are on exhibition. The favorite breeds are Holstein and Brown Swiss. I do not recall ever having seen any Guernseys. The Guatemalan farmers are not accustomed to paying large sums for breeding bulls. Some of the breeders complain that there is no chance for them to dispose of their surplus stock at even a fair price. I do not believe that we would be at all successful in disposing of a Guernsey bull here at \$350.

With kindest regards, I am

Yours very truly

(Signed) H. T. Heyl

H. T. Heyl

UNITED FRUIT COMPANY

GENERAL OFFICES, ONE FEDERAL STREET

BOSTON, MASSACHUSETTS

14th August 1941

WILLIAM K. JACKSON
VICE PRESIDENT

PERSONAL

Mr. H.T. Heyl, Manager
United Fruit Company
Puerto Barrios, Guatemala

Dear Mr. Heyl:

I am sorry that I have not replied sooner to your letter of July 18th relating to Guernsey bulls. Your letter indicates that you do not recall ever having seen any Guernseys in Guatemala. This is all the more reason why the officers of the American Guernsey Cattle Club would like to see some Guernseys in Guatemala. Of course you probably know more about cattle than I do, but neither the Holsteiner or the Brown Swiss I think take the place of either the Guernsey or the Jersey. The Holstein is essentially a volume milk producer and cheese maker. The Brown Swiss is more a dual purpose cow. The Guernsey and Jersey are preeminently table milk breeds. Guernsey milk because of its rich golden color is now generally selling at a slight premium over other kinds of milk. It seems to me that some dairy men in and around Guatemala City who cater to the very best retail milk trade might become interested in Guernseys. There is no doubt but what this breed is a top notcher in the retail milk trade.

I am afraid that you may have gotten the impression that I had some bulls to sell at \$350. This is not the case. I personally have no bulls to sell, and the American Guernsey Cattle Club is not trying to sell bulls at any specific price. They would like to see the breed established in Guatemala and I think they would be willing to see that a very good bull was sent down there at a relatively low price if they could get the right person to become interested in the breed. I am sending you under separate cover a copy of the August 1st issue of the GUERNSEY BREEDERS' JOURNAL, and I call your attention to the article about the Costa Rican Dairy Show on page 192. I will also say that since I sent this bull down there I know of six very high-grade pedigree bulls which have been bought by Costa Ricans and imported into the country. One of them is the bull described on page 184 of this same Journal.

I would appreciate it if you would let me know whether Guatemala has made any provision for encouraging the importation of pedigreed cattle. I asked you about this in my letter of July 1st, but I do not find that you answered that part of my letter.

Perhaps you could give me the names of some of the owners of dairies around Guatemala City to whom the American Guernsey Cattle Club might write or, if you think best, give me the name of the Government Official who might be interested

Mr. H.T. Heyl, Manager, 2.

14th August 1941

in this subject. The improvement of the herds in Latin American countries is a question of much concern now. Colombia has bought over \$300,000.00 worth of blooded animals (including a goodly representation of the Guernsey breed.) I do not want to bother you about this matter and perhaps you would prefer to refer it to Dr. Popenoe or Mr. Sanchez in Guatemala City to answer it for me.

Yours very truly,

Wm. K. Jackson

P.S. If the American Guernsey Cattle Club wished to send a bull for the Exposition can you give me the names of someone who would take care of the bull for about a month before the Exposition and during the Exposition and who would be interested in offering him for sale during the Exposition? In Costa Rica, Mr. Hernandez, Assistant Manager in Charge of Farm Loans of the Banco Nacional handled the matter.

Antigua, Guatemala, 2 January 1941

Mr W E Turnbull,
Assistant Vice-President,
La Lima

Dear Mr. Turnbull:

Yesterday I mailed you a memorandum prepared by Dr Muller and myself, covering his views regarding the agricultural school job. This is to give you a few personal comments on the same subject.

We spent a half day at the school and went over things thoroughly, but I do not believe Dr Johnston has any idea that a change is in sight, and I have said nothing to him. I then took Muller to Tiquisate, as he was greatly interested in seeing Sigatoka control; and then took him to some of the coffee Fincas and to the Cinchona base at Chicacao. He got a good glimpse of Guatemala and was greatly pleased. He wants to come here and he feels that the school has real possibilities, though recognizing that it is as yet tremendously handicapped by lack of suitable equipment. I believe he is going to be a good man for the job. His attitude toward the people of these countries is all that we could ask. He seems to me active and energetic, which is what the school needs. His background for the job could not be better.

If I am correctly informed, we are paying Dr Johnston \$300 per month and allowing him another \$75 for travelling expenses. This makes the total budget \$4500 per year. We are offering Muller \$350 per month and he expects to maintain his own automobile. In other words, the total cost per year to us will be \$4200. But if you agree, I would like to suggest that we keep the other \$300 down in our jeans and dole it out to him if and when necessary to help him get items of equipment which the school urgently needs and which he can not easily obtain through the official channels. It has been Dr Johnston's experience that unless he goes direct to the President it is very hard to get even small sums for any purpose which the Ministerio has not covered in its budget. And obviously, it is not advisable to go to the President for small items frequently.

Presumably I shall not be here when Muller arrives to take over. I assume he will be calling on the President at that time. Would it not be wise for him to present the situation to the President at that time, and perhaps ask for an appropriation of a thousand dollars or so to get much-needed equipment before he settles down to the job? It might be easier to get it at that time, than later.

Muller will send you his expense account covering his trip here, and will keep in touch with you regarding the time at which he can come. He thinks it would be well if he could spend at least a few weeks getting familiar with the situation before Dr Johnston checks out, but that of course is up to you.

Sincerely yours

La Lima, Honduras
January 7, 1941

By air mail

Dr. Albert S. Muller
c/o. Ministerio de Agricultura y Cría
Caracas, Venezuela

Dear Dr. Muller:

I refer to your copy of Dr. Popenoe's letter to me of January 1, and I hereby wish to confirm all promises to you outlined in said letter.

I wish you would write to me from time to time advising when you expect to be able to leave Venezuela and arrive in Guatemala. Please write me by air mail, c/o. Tela Railroad Company, Tegucigalpa, Honduras, C. A. Please send air mail copies of your letters to me to Mr. H. T. Heyl, United Fruit Company, Bananera, Guatemala.

As regards transportation for you from La Guaira to New York: this will be for our account, and you can collect by turning in an expense account to cover said transportation. Your transportation from New York to Barrios will be for our account and on our ships. When the time comes I will ask our New York office to make the necessary reservation for you. It is in order that you bring an automobile with you, for which we will charge minimum rate for transportation on our ship.

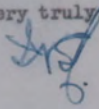
When you arrive in Guatemala please report to Mr. H. T. Heyl, our Manager in that country, who will arrange to get you properly installed as Director of the Government Agricultural School in Chimaltenango. Very soon after your arrival in Guatemala we will try to arrange it so that you can meet, among other people, President Ubico who will make known to you his ideas regarding the School which you will direct.

In the event that the furniture which belongs to the Chimaltenango School is not sufficient to make you personally comfortable, we will arrange to supply some from the United Fruit Company properties. Also we will be glad to help out with a few agricultural implements, such as plows, harrows, etc.

I am very glad that you decided to accept the position offered to you and feel that you will not regret having done so.

Hoping to hear from you in the near future, I am

Yours very truly,



cc Mr. A. A. Pollan
Mr. H. T. Heyl

Dr. Popenoe

La Lima, Honduras

January 7, 1941

Mr. A. A. Pollan
Boston, Mass.

Dear Mr. Pollan:

Regarding the Government Agricultural School in Chimaltenango, Guatemala:

Mainly with the idea of pleasing President Ubico we have been trying to get a better man to replace Dr. Johnston who has been acting as Director of the School. Dr. Popence has succeeded in getting Dr. Albert S. Muller, at present employed by the Venezuelan Government, to accept the position of Director of the Chimaltenango School. Dr. Muller made a trip from Caracas to Guatemala, stayed there about a week with Dr. Popence, accepted the job and has returned to Venezuela. He hopes to be able to leave his present position about March or later on in June this year, at which time he will report to Mr. Heyl in Guatemala for the position of Director in the place of Dr. Johnston whom we will release at that time. Dr. Johnston has not yet been advised of our present plans.

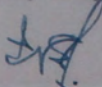
I am attaching hereto copy of letter written on January 1 by Dr. Popence about Dr. Muller, which is self-explanatory. Dr. Popence and I consider the advisability, and in fact, necessity, of offering Dr. Muller \$350 per month instead of \$300 which is salary being paid to Dr. Johnston, in order to have him accept the position of Director. This increase in salary will not cost our Company very much, because we will not have to pay certain expenses which we have been allowing to Dr. Johnston. We will pay Dr. Muller's salary through the Government of

Mr. A. A. Pollan. - Boston. 2


Lima, Jan. 7, 1941

Guatemala, as has been in the past with Dr. Johnston. I know that President Ubico will be pleased with the change we are going to make. I am writing to Dr. Muller today as per attached copy of letter.

Yours very truly



W. E. Turnbull

cc Mr. H. T. Heyl
Dr. Wilson Popenoe 

GUATEMALA DIVISION

La Lima, Honduras

January 8, 1941

Dr. Wilson Popenoe
Guatemala

Dear Dr. Popenoe:

Your letter of January 2 regarding the Government Agricultural School in Chimaltenango.

Yesterday I wrote to Mr. Pollan and to Dr. Muller referring to your letter to me of January 1, with copies to you.

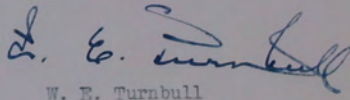
I am very glad that Dr. Muller impressed you so favorably for the job he has accepted -- what little I saw of him also gave me a favorable impression.

As regards the third paragraph of your letter: we will, I am sure, find sufficient funds somewhere to help out with the purchase of small items such as you mention for the Chimaltenango School.

You will note that in my letter to Dr. Muller I ask him to report to Mr. Heyl and mention the matter of his meeting the President. I think it is a good idea that when he becomes sufficiently familiar with conditions at the School, Dr. Muller requests an appropriation for \$1,000 such as you mention.

I will gladly take care of Dr. Muller's expense account when it arrives here.

Yours very truly


W. E. Turnbull

January 8, 1941

Mr. H. T. Heyl, Manager
United Fruit Company
Puerto Barrios, Guatemala

Dear Mr. Heyl:

I refer to Mr. Turnbull's letter to me of December 2nd regarding "Brown-Swiss" cattle which President Ubico is interested in securing for the Agricultural School at Chimaltenango.

The Purchasing Department has been in communication with various breeders of "Brown-Swiss" animals, and I am enclosing herewith original letters from:

The Forest Farms
University of Illinois
Judd's Bridge Farms
Hilltop Farm
Walhalla Farms

together with some literature on this breed published by the Brown Swiss Cattle Breeders' Association.

The Purchasing Department is ready to give you any further information you may require and to fill your order if it is desired to purchase "Brown-Swiss" cattle in the United States.

Yours very truly,

a. Peckham
c

Enclosures

Copy to: Mr. W. E. Turnbull
Dr. W. Popence
Mr. T. F. Ryan

La Lima, Honduras

January 21, 1941

Mr. A. A. Pollan
Boston, Mass.

Dear Mr. Pollan:

Regarding Dr. Albert S. Müller at present working for the Venezuelan Government and who has accepted the position as Director of the Agricultural School at Chimaltenango, Guatemala:

Attached is copy of letter received from him, dated January 8 in which he refers to an expense account in the sum of \$320 which I have approved and copy of which is hereto attached.

Will you please give instructions so that the amount of the expense account, \$320, be deposited to the account of Dr. Albert S. Müller in the Bank of Huntington and Trust Company, Huntington, Long Island, New York.

I am also attaching copy of my reply of this date to Dr. Müller.

Yours very truly



W. E. Turnbull

cc Dr. Wilson Popenoe
Mr. H. T. Heyl

COPY

Caracas, Venezuela

Jan. 8, 1941

ALBERT S. MULLER
Fitopatologo
Estación Experimental Central
Ministerio de Agricultura y Crfa

Mr. W. E. Turnbull
La Lima, Honduras

Dear Sir:

I have just returned to Caracas from my most interesting trip to Guatemala and I trust you have received Dr. Popenoe's letter giving my impressions about the Agricultural School and what can be done within reason to make it more useful to the country.

This school has not the drawback I found in Costa Rica where the school is relatively divorced from general agriculture by its location within the city which has grown up all around it. I could not help but note the small number of kinds of plants on the grounds at Chimaltenango. Ways to remedy this were the subject of conversation with Dr. Popenoe and with the personnel at the Plant Introduction Gardens in Panama.

I am anxious to terminate my work here so that I can tackle the job, but as a teacher I can't leave before our students have had their examinations and the school year ends.

According to Dr. Popenoe's instructions I am enclosing a statement of what the trip cost me, not including the fare by plane from Guatemala to Caracas which was paid by your office in Guatemala City and not by me.

Yours truly,

(sgd.) Albert S. Müller

COPY

Caracas, Venezuela

ALBERT S. MÜLLER
Fitopatologo
Estación Experimental Central
Ministerio de Agricultura y Cría

EXPENSES PAID BY A. S. MULLER FOR TRIP FROM CARACAS
TO GUATEMALA WITH STOPOVERS IN PANAMA AND COSTA RICA.

Pan-American Airways: One-way, Caracas to Guatemala	\$218.00
Hotels during stopovers	37.00
Visas and government taxes	20.00
Taxis	12.00
Railroad in Panama	2.00
Cable, with reply prepaid, from Caracas to Guatemala for permit to enter the country for fifteen days:	<u>31.00</u>
	\$320.00

Please remit to the Bank of Huntington and Trust Company,
Huntington, L. I., New York, for deposit to my account.

O.K.

(sgd) W. E. Turnbull
G.M.
1/21/41

Boston, Massachusetts
February 4, 1941

Mr. W. E. Turnbull
Assistant Vice President
La Lima, Honduras

Dear Mr. Turnbull:

As requested in your letter of the 21st of January,
we are arranging to deposit \$320 to the account of Dr. Albert
S. Muller in the Bank of Huntington and Trust Company,
Huntington, Long Island, New York.

We are not advising Dr. Muller of this as we believe
that your letter to him of January 21st stating that the deposit
would be made is quite sufficient.

Yours very truly,

A. A. Pollock

Copy to: Mr. H. T. Heyl
Dr. W. Popenoe

La Lisa, Honduras,
March 26, 1941

Via Air Mail

Dr. Albert S. Miller,
c/o Ministerio de Agricultura y Cría,
Caracas, Venezuela.

Dear Dr. Miller:

On January 7 I wrote you in connection with the Government Agricultural School in Chimaltenango, Guatemala. In this letter I confirmed all of the promises made to you by Dr. Popenoe, as outlined in his letter to me dated January 1.

It is my understanding that you hope to be able to leave your present position either in March or at least by June of this year.

I should appreciate it very much if you would advise me if you are now able to let us know more or less definitely when you can arrive in Guatemala. This will assist us a great deal in our discussions here in connection with the Agricultural School.

Please address your reply as follows:

Via Air Mail

W. E. Turnbull
Tela Railroad Company
Tegucigalpa, Honduras

Yours very truly,

W. E. Turnbull

W. E. Turnbull

CC: Messrs. Pollan, Turnbull, Hayl & Popenoe ✓

Dear Mr. Turnbull:

We have not heard from Dr. Miller in connection with the Chimaltenango job, and on receipt of your radiogram asking about this matter I decided to write the above to him over your signature.

W. L. Tallon

TELA RAILROAD COMPANY
Office of the General Manager

TELA RAILROAD COMPANY
AUG 19 1941
LA LIMA, HONDURAS

La Lima, Honduras
August 18, 1941

Mr. A. A. Pollan
United Fruit Company
Boston, Mass.

Dear Mr. Pollan:-

Dr. Popenoe is attempting to find a job for Dr. John R. Johnston now that Dr. Albert S. Muller has arrived. In this connection Dr. Popenoe has written Mr. Turnbull as per copy of letter attached.

It will be worth a great deal to have Dr. Johnston remain long enough to assist Dr. Muller in becoming acquainted with the Agricultural School work at Chimaltenango.

I am leaving for Guatemala City this week with Dr. Muller to introduce him to the Minister of Education and others who will have something to do with the School.

Yours very truly,

W L Faillon

CC: Dr. Wilson Popenoe ✓

Guatemala City August 28, 1941.

Mr. A. A. Pollan,
Executive Vice President,
United Fruit Company,
Boston, Mass.

Dear Mr. Pollan:

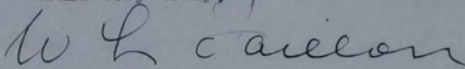
Yesterday the acuerdo nominating Dr. Müller new Director of the Agricultural School at Chimaltenango was issued by the President's office. I have been with Dr. Müller the last four or five days and I have arranged for him to meet several of the more important people in the city who will be of help to him later on.

I must state that Dr. Müller's job at Chimaltenango means that he has to begin right from scratch. I was astounded to see the conditions at Chimaltenango when I went out there last week. I am inclined to believe that Dr. Johnson spent all of his time writing articles and gave very little time to the administrative work of the school. So little planting of any sort has been done that it was necessary for the school to purchase corn leaves for their live stock. This was an attitude on the part of the school administration which seems to be typical and what little planting has been done, such as fruit trees, etc., seems badly neglected. There is no vegetable garden.

There is an appearance of dilapidation about the whole institution. I think it worthwhile to mention this just when Dr. Müller is taking over because he has a big job cut out for himself and because of conditions at the school at present, the results he obtains within the next year or so can not be expected to be startling.

I have become very well acquainted with Dr. Müller and in my opinion a very fine selection has been made for the school at Chimaltenango.

Yours very truly,

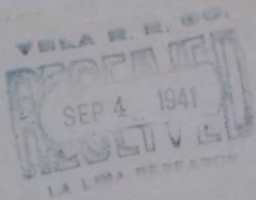


W. L. TAILLON

cc Mr. Heyl ✓
Dr. Popenoe

WLT:ml

JMB



La Lima, Honduras

September 3, 1941

Mr. A. A. Pollan
Boston, Mass.

Dear Mr. Pollan:

I wrote you from Guatemala in connection with the appointment of Dr. Albert S. Muller as Director of the Agricultural School at Chimaltenango. The day that the Acuerdo covering his nombramiento was given, the Sub-Secretary of Education told Dr. Muller and me that the Government also granted a salary to the Director of the School. This salary amounts to \$120 per month. This means that with the \$350 per month the Company pays him, Dr. Muller will receive a total salary of \$470 per month, including living quarters and food.

It seems that at one time there were two directors at the School: a Director Administrativo and a Director Técnico. Apparently, several months ago they combined these two jobs and the salary formerly paid to a Sr. Milla was then paid to Dr. Johnston. I don't believe that there are any of us that knew of the extra \$120 being paid to Dr. Johnston. In any event, Dr. Muller was very much pleased when this was told him. Dr. Johnston has been receiving this extra salary for quite some time.

The above for your information.

Yours very truly

W. L. Tailon

W. L. Tailon

cc Mr. H. T. Heyl
Dr. Wilson Popenoe ✓

SEP 11 1941
LA LINA TELEGRAPH

September 10, 1941

Mr. H. T. Heyl, Manager,
Guatemala Division,
Puerto Barrios,

Dear Mr. Heyl:

While I was in Guatemala recently it was arranged for Dr. Johnston to remain at Chimaltenango for a few weeks with Dr. Muller to assist him in taking over his new duties as Director of the agricultural School, I told Dr. Johnston his salary would be paid on the same basis as previously until he left the school entirely in the hands of Dr. Muller.

Dr. Muller will advise you when Dr. Johnston has left Chimaltenango. I believe Mr. Turnbull authorized two months vacation pay and transportation to the United States for Dr. Johnston at the time of his release. His release should be effected in the usual manner prescribed for Company's employees

Yours very truly,

W. L. Tailon

W. L. Tailon,

cc - Dr. Popenoe, La Lina ✓
Dr. Muller,

UNITED FRUIT COMPANY

GENERAL OFFICES, ONE FEDERAL STREET
BOSTON, MASSACHUSETTS

9th October 1941

WILLIAM K. JACKSON
VICE PRESIDENT

AIR MAIL

Mr. H. T. Heyl, Manager
United Fruit Company
Puerto Barrios, Guatemala

Dear Mr. Heyl:

I do not find that I have had any reply to my letter of August 14th relating to Guernsey bulls. However, it happens that Mr. Turnbull is here now and I have discussed the matter fully with him. He is entirely in accord with the idea of sending a bull to Guatemala and having it exhibited at the Fair. Accordingly I have purchased a bull from the Rockingham Farm in Salem, N.H. for \$200.00. To this will be added the cost of his crating and shipment to Guatemala. He is an exceptionally fine young animal, about seven months old and comes from a very high producing ancestry. He is the type of bull that ought to make a wonderful herd sire and his get should be a great improvement over any cow which he serves. The advantage of having cows that will produce from thirty to fifty pounds of milk a day as against a much lower production is apparent. The Department of Agriculture in the United States and the various breeding specialists consider that the simplest way of bringing about herd improvement and increased production is to get herd sires with high producing records such as are back of this bull.

The bull will be crated and shipped on the DARIEN leaving New York on October 15th, and is due to arrive at Puerto Barrios on October 23rd. I hope you will be able to arrange for his immediate shipment to Guatemala City and for his care until the time of the Fair. I would assume that the people in charge of the Fair, very likely the President himself, would be very much interested in this sort of thing. Certainly the officials in Costa Rica were interested and did everything they could to help. As I told you before, Costa Rica admits pedigreed animals to the country free of duty and pays the transportation charges. If this were brought to the attention of President Ubico he might be interested in doing the same sort of thing in Guatemala.

I understand from the Freight Department that the charge of the I.R.C.A. from Puerto Barrios to Guatemala City is \$50.00 for a car regardless of the number of animals. It is not clear to me whether this would apply to one animal in a crate. It seems to me that this is a very high rate for one animal.

The offering of the bull in Costa Rica at auction was successful, and similar sales at auctions here in the United States are successful. I would like to see this plan tried out at the Guatemalan Fair and I hope that this can be arranged. Mr. Turnbull has told me that if there are no bidders

at a price equal to the cost of the animal in Guatemala City that the Company would bid it in and take it up to the Agricultural School at Chimaltenango. If you offer it for bid I would suggest that the Company put in a bid for approximately the actual cost delivered at Guatemala City.

I discussed with Mr. Turnbull the fact that it was the President who indicated that he would like to have Brown Swiss at the Agricultural School. He did not think that this was any reason why a fine Guernsey bull should not be welcome in Guatemala. He even suggested that the President himself might buy this bull. As I have said to you before, I have no fault to find with either the Holstein or the Brown Swiss. I have, however, discussed the question of breeds within the last week with the Department of Agriculture in Washington. They say that the consensus of opinion among experts is that the two breeds from the Channel Islands, that is Guernsey and Jersey, do better in the southern climates than the cold country breeds, such as the Holstein, Brown Swiss, etc. The United States Agricultural Experiment Station in Porto Rico has apparently gone entirely to Guernseys for improving their dairy herds. This conclusion was reached after many years of experimenting with all breeds. This was not only told me in Washington but it is also Dr. Popenoe's recollection of the facts as he has heard them from time to time. Mr. Aycock just told me a few days ago that they find that Guernsey milk is their finest table milk in Honduras.

I would be interested in knowing if there are any herd owners in Guatemala who now have Guernseys; if so, and they know anything about Guernsey breeding they would be very much interested in this young bull.

Of course there is always a danger in shipping a bull from this part of the world to countries where tick fever is prevalent. I also discussed this matter with the Department of Agriculture in Washington. I enclose herewith a copy of the letter which I wrote Dr. S.O. Fladness on October 2, a copy of the reply of Dr. W.M. MacKellar of October 7th, and a copy of the Department Bulletin on Tick Fever.

I do not know whether tick fever exists in Guatemala but I suppose it does, although probably it is not so bad up in the highlands. They have it around San Jose, Costa Rica, but the bulls that have been shipped in there have done very well, particularly if they were young bulls at the time of their importation. I do not know whether you have any veterinarian who knows how to immunize newly imported cattle with blood from a local animal that has recovered from Texas fever. This type of immunization was practiced in the United States for many years. As far as I can now find out tick fever is practically extinct in the United States and there is no advantage in buying cattle from Texas or other southern states upon the theory that they are immune from tick fever. Doubtless your cattle man is thoroughly familiar with this whole question. He probably also knows all about the Guernsey breed as a dairy animal. One thing they told me very definitely in Washington was that the Holstein and other cold country breeds have not done so well in the southern states.

In another day or two as soon as I have the pedigree I will write you again.

Yours very truly,

Wm. K. Jackson

Enclosures.

P.S. Bulletin is being sent to you direct from Washington

(COPY)

2nd October 1941

Dr. S.O. Fladness
Field Inspection Division
Bureau of Animal Industry
Washington, D.C.

Dear Dr. Fladness:

In my talk with you over the telephone about Texas Fever you were kind enough to suggest that if I would write you a letter you would write me more fully along the lines of our conversation.

I have become interested in the question of improving the cattle in Central America, more especially at the moment the dairy cattle. I have a small farm where I am raising pure bred Guernseys. It is near Peterboro, N.H. and I have had a good many contacts with the American Guernsey Cattle Club. They are also interested in the introduction of Guernsey cattle in Latin America and in this way broadening the market for American breeders for Guernsey cattle. I sent a pure bred Guernsey bull to the Cattle Fair at Cartago, San Jose, C.R. last April. During the Fair he was sold at the auction at a very satisfactory price and since then several other high grade bulls have been sent down. I am now planning to send a bull to the Guatemala Fair which is held in November. I do not happen to know anything about the Guatemalan Texas Fever situation, but I imagine it is quite a problem there. Guatemala City has an elevation of 4860' and the central table lands of Guatemala are even higher in many places. At these altitudes our northern hemisphere cattle do very well. I imagine that Texas Fever is not so serious a problem in these high lands but I am sure it must be there and is a danger to imported cattle.

You indicated over the telephone that because of the practical disappearance of Texas Fever in the United States that there are no longer any immunized cattle to export and that even if they were immunized in the United States this immunity would not protect them against the particular type of cattle fever which prevails in any of the Central American countries. You also indicated some cattle breeders bring about immunization through the control of the number of ticks that are allowed to feed on newly imported cattle.

I would appreciate it very much if you would write me more fully as to your views on this whole question.

With kindest regards, I am

Yours faithfully,

(Signed) Wm.K. Jackson

(COPY)

UNITED STATES DEPARTMENT OF AGRICULTURE

Bureau of Animal Industry

Washington, D.C.

Address reply to
"Chief of Bureau of Animal Industry"
and refer to
S-518

October 7, 1941

Mr. William K. Jackson
Vice President, United Fruit Co.
1 Federal Street
Boston, Massachusetts

Dear Sir:

Referring to your letter of October 2, addressed to Dr. S.O. Fladness of this Bureau, requesting additional information on the immunization against tick fever of cattle which it is proposed to ship to Central America, enclosed you will find copy of Farmers' Bulletin No. 1625, "Tick Fever", beginning on page 23 of which the immunization of susceptible cattle is discussed in some detail.

As suggested by Dr. Fladness, we believe the best results will be obtained if the immunization treatment can be given at destination. We also suggest that you plan to make the shipment so that the cattle may arrive and be treated during the coolest season of the year, that only young animals, six months to a year old, be used and that due precautions be taken to protect them from tick infestation until they have been immunized.

Very truly yours,

(Signed) W.M. MacKellar
Chief, Division of Tick Eradication
and Special Diseases

Enclosure - 1

UNITED FRUIT COMPANY

GENERAL OFFICES, ONE FEDERAL STREET
BOSTON, MASSACHUSETTS

15th October 1941

WILLIAM K. JACKSON
VICE PRESIDENT

AIR MAIL

Mr. H. T. Heyl, Manager
United Fruit Company
Puerto Barrios, Guatemala

Dear Mr. Heyl:

The bull ROCKINGHAM HOLLISELECT is being shipped this morning on the DARIEN. It will be consigned to the Compañia Agricola de Guatemala at Puerto Barrios and all original papers are being sent by the Freight Department to Mr. Austin, copy of their transmitting letter to you.

I enclose herewith four copies of this bull's pedigree. You will note that his sire has won many prizes and has twenty-three daughters with American registry records. You will note the very high milk production records of from 11,000 to 18,000 pounds in one year, which is usually about 300 days, and that the milk is of very high butter content. Anyone familiar with pure bred animals will recognize this as an exceptional pedigree. This bull would ordinarily be held here for sale at about \$600.00.

As soon as you know who is the final purchaser of the bull, the original certificate of entry should be returned to me so that I may have it transferred to the new owner on the records of the American Guernsey Cattle Club.

Yours very truly,

Wm. K. Jackson

Enclosures.

copy to Dr. Popenoe

Antigua, Guatemala, 6 Nov 1941

Mr William K. Jackson,
United Fruit Co.,
Boston, Mass.

Dear Mr. Jackson:

Copy of your letter to Mr Heyl, dated 15th Oct., has reached me and I am very much interested. I have not had a chance, as yet, to discuss the matter with Mr Heyl but hope to be here at the time of the fair and if the bull is not bought by someone else I would like very much to see him go to the agricultural school at Chimaltenango, where a fine modern dairy barn is now being constructed - gift of UFCo as you know.

I am writing now to remind you that we are ourselves working on an agricultural school project for Central America, and it is not too early to begin thinking of livestock. In talking with George Poe at La Lima the other day, he was of the opinion that Brown Swiss would be best for us. I would like to include Guernseys, particularly if we place the school at a fairly low elevation as is now planned - about 2000 or 2500 feet.

In all probability we will not be ready for livestock at the new school until late in 1942. In the meantime, let's talk the matter over with everyone concerned. I do not see why we should not start with both Brown Swiss and Guernsey; then we can find out something regarding their relative merits down here.

With personal regards to all the family,

Sincerely,

La Lima, Honduras

November 24, 1941


Dr. Albert S. Müller
Escuela Nacional Central de Agricultura
Finca "La Alameda"
Chimaltenango, Guatemala C. A.

Dear Dr. Müller:

When I visited you a few days ago I mentioned that very soon I expected to get authority to let you have \$600 - amount necessary to fix up the water system for the dairy, administration buildings, etc. I am glad to advise that Mr. Pollan has approved the above amount, and Mr. Heyl will very shortly see that this money is placed at your disposal through the proper channels.

I have not forgotten some of the other matters we spoke about, and I hope that in the very near future I can help you a little. I was most favorably impressed by the good work you are carrying on at Chimaltenango.

Yours very truly



W. E. Turnbull

cc / Mr. A. A. Pollan
Mr. H. T. Heyl
✓ Dr. Wilson Popenoe

Guatemala City March 11, 1942.

MR. W. E. TURNBULL - La Lima.

Dear Mr. Turnbull:

On Sunday night I received a telegram instructing me to be at the Presidential House at 10 o'clock Monday morning. I was on time and the President began the interview by saying he had good news for me which, of course, puzzled me for the moment. He then proceeded to inform me that the School of Agriculture is to be moved from Chimaltenango to a much better location, which is the Hacienda Barcena, which has one boundary on the shore of Lake Amatitlan, and consists of 72 caballerias. The School will be allotted a minimum of 5 1/2 caballerias, perhaps more, after a study of the land situation has been made. The main buildings of the farm are 4 kilometers to the north of Villa Nueva, in all 20 minutes automobile trip from the Capital.

The President was very enthusiastic about the project, declaring that he wanted to have the best Agricultural School in Latin America and good enough to receive students with becas from other countries. He went personally to Barcena on Tuesday morning, spending an hour or more in examining the best location for new buildings, including reconstruction of certain old ones. With the President came the National Treasurer, General Wyld Ospina, who received instructions to investigate the possibility of using some of the old buildings and to make plans for new ones immediately.

I was present during this visit, having arrived at Barcena in the morning and made a rapid survey before he arrived. The farm has large young coffee plantations in very good condition; an orange grove of 400 trees; a large orchard of plums, peaches and other fruits at a higher elevation. The altitude of the main buildings is about 4500 feet and the orchards mentioned are up to 7000 feet.

The water supply is not large but apparently sufficient. The President expects to put in wells where necessary. For electricity and power, there is a question whether the farm will be connected with the main Guatemala City power line, or substitute the present inadequate plant for a much larger one.

I am confident that there is every intention of accomplishing the plans for making a good school. Naturally I could not get many of the details in the two short contacts which I had with the President and did not feel it was the right moment to ask a great many detailed questions.

The very afternoon following my visit to the President the road to the farm was being repaired by special order and the President said that he would have an old road which leads from this farm to Antigua put in repair for use by automobiles. This road to Antigua dates probably from Colonial times before the road through Mixto was made.

Late yesterday afternoon I went to see the Minister of Education and have instructions concerning further work in Chimaltenango. The Minister said to

proceed with what I was doing because he plans to use Chimaltenango as a school for rural school teachers so that they will be prepared to live in the interior and accustomed to rural life and, at the same time, have certain basic agricultural instruction which can be very well given at Chimaltenango.

The new stable is practically complete from the construction standpoint, lacking only floors in some of the rooms and the equipment for dairy work. The Minister asked me to finish the floors, saying that the building would be put to use as far as the stable is concerned and that he would find use for the rest of the rooms of the building.

I have received check from Mr. Heyl corresponding to six months salary at \$120 monthly, which is in accordance with your conversation with the President and the instructions which you gave me by letter.

I expect to meet Dr. Popenoe at the airport this afternoon and while driving him to his home in Antigua will discuss the situation regarding the change in the school.

Faithfully yours,

Albert S. Muller
Albert S. Muller

ROCKINGHAM HOLLISELECT 304556

Lot 8-Bull

Bred and Consigned by
DANIEL G. TENNEY,
Rockingham Farm, Salem, N. H.

Dropped
March 12, 1941

ROCKINGHAM PRINCE

HOLLISTAR 199981 A R

At Topsfield 1931 1st in Calf
Class Jr. & Grand Champ.
1932 1st in Cl. (1 yr. under 2)
1933 1st in Cl. (2 yr. under 3)
1935 1st prize Get of Sire
1937 1st prize Get of Sire
1938 1st prize Get of Sire
1939 1st prize Get of Sire
1940 1st prize Get of Sire
23 A R daughters, 1 A R son
Rockingham Highlight
16,969—788-C; 18,635—875-A
Sr. & Gr. Champ. Cow Tops 1937
Rockingham Holliru
14,568—802—FF
Class Leader
Rockingham Hollidella
14,215—770—B
Rockingham Hollella
12,743—635-GG; 15,247—764-BB
Rockingham Hollara
13,648—723—AA
Rockingham Hollbelle
11,165—607-GG; 12,470—722-E
Rockingham Hollitoo
14,816—709—D
Eastleigh Violet
13,099—697—DD
Rockingham Hollassie
11,387—688—D
His 23 A R daughters average
6,44.8 lbs. fat

ROCKINGHAM LILLIAN

408036 A R

12,483—650-G; 14,268—720-D
16,879—831-A; 18,247—885-AA
2 A R daughters
Rockingham Princess Lil
13,182—664—G
Rockingham Hollimaid
11,633—618—FF

ROCKINGHAM SAILOR PRINCE

170277 A R

Winner of 1st prize Get of Sire
Topsfield Fair 1934
15 A R daughters, 2 A R sons
Sherwood Prince's Annabelle
16,565—769-CC; 18,213—921-AA
Class Leader when made
Rockingham Princess Holly
14,758—723-B; 17,663—858-AA
Rockingham Princess Della
13,578—699-G; 15,751—797-CC
Rockingham Princess Marilyn
14,500—721—FF
Sold for \$1,000
15 A R daughters aver. 619 lbs. F.

ROCKINGHAM TWILIGHT

316681 A R

12,825—664-G; 16,726—845-D
Dam of 3 A R sons, 1 A R dau.
Rockingham Starling
11,735—587-G; 15,799—796-DD
N. H. State Leader in Cl.DD

HOLLISTON'S SLOGAN OF

ROCKINGHAM 114355 A R

Sire of 21 A R daughters, 6 A R sons
Rockingham Lillian
16,879—831-A; 18,247—885-AA
Rockingham Starling
15,799—796—DD
Rockingham Sunflower
15,560—752—C
Rockingham Star Flower
10,434—627-EE; 12,148—704-B
Rockingham Charmeuse
11,735—698—DD
Rockingham Princessa
14,089—666—G
Rockingham Valentine
12,431—650—F
Rockingham Darling
14,859—638—A
7 A R daughters

FLORHAM LILAC 205960 A R

11,941—692-D; 14,062—728-B
13,911—759—A
Dam of 2 A R daughters

LANGWATER HOLLISTON

28055 A R

56 A R daughters, 31 A R sons
Rockingham Twilight
12,825—664-G; 16,726—845-D
Rockingham Maid
15,434—820—D
Sold for \$6,800
May Belle of Rockingham
16,047—817—A

IMP. PRINCESS OF THE

VAL DU SUD 188421 A R

14,990—693-AA; 16,370—761-A
5 A R daughters, 2 A R sons
Rockingham Princess
14,595—684—C

LANGWATER HOLLISTON

28055 A R

56 A R daughters, 31 A R sons
Early Dawn
10,882—686-EE; 14,426—796-A
Rockingham Francaise
12,068—739-G; 14,323—792-A
Rockingham Fanny
15,733—748—B

IMP. STARLIGHT OF

THE FONTAINES 104102 A R

11,450—583—F
Made over 80 lbs. fat one
month. 3 of her sons sold for
\$2,500, each as a yearling
5 A R daughters, 3 A R sons

LANGWATER HOLLISTON

28055 A R

56 A R daughters, 31 A R sons
Rockingham Polly
14,717—756—A
Rockingham Merrymaid
15,646—745—A

IMP. CHOISIE DE LA TOURAINE

143213 A R

13,340—594-BB; 16,636—728-A
18,940—750—AA
3 A R daughters, 2 A R sons

MAJESTY OF LINDA VISTA

56286 A R

10 A R daughters, 4 A R sons
Fern of Hill Top
11,355—633—A
Florham Cateline
11,355—584—E
Florham Stately
9,938—528—CC

ULTRA LIL 133109 A R

10,318—566—G
Dam of 1 A R daughter
By Ne Plus Ultra

Lot 9-Cow

ROCKINGHAM HOLLIGOLD 676912

Bred and Consigned by
DANIEL G. TENNEY,
Rockingham Farm, Salem, N. H.

Dropped
April 29, 1939

Previous Calves:
July 6, 1941, Bull
On test in C.I.F

**ROCKINGHAM PRINCE
HOLLISTAR 199981 A R**

At Topsfield 1931 1st in Calf
Class Jr. & Grand Champ.
1932 1st in Cl. (1 yr. under 2)
1933 1st in Cl. (2 yr. under 3)
1935 1st prize Get of Sire
1937 1st prize Get of Sire
1938 1st prize Get of Sire
1939 1st prize Get of Sire
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16,969—788-C; 18,635—875-A
Sr. & Gr. Champ. Cow Tops 1937
Rockingham Holliru
14,568—802—FF
Class Leader
Rockingham Hollidella
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Rockingham Hollella
12,743—635-GG; 15,247—764-BB
Rockingham Hollara
13,648—723—AA
Rockingham Hollibelle
11,165—607-GG; 12,470—722-E
Rockingham Hollitoo
14,816—709—D
Eastleigh Violet
13,099—697—DD
Rockingham Hollassie
11,387—688—D
His 23 A R daughters average
6,44.8 lbs. fat

PHILIP'S MARIGOLD 438958 A R
14,005—803—F
Class Leader in EE

**ROCKINGHAM SAILOR PRINCE
170277 A R**

Winner of 1st prize Get of Sire
Topsfield Fair 1934
15 A R daughters, 2 A R sons
Sherwood Prince's Annabelle
16,565—769-CC; 18,213—921-AA
Class Leader when made
Rockingham Princess Holly
14,758—723-B; 17,663—858-AA
Rockingham Princess Della
13,578—699-G; 15,751—797-CC
Rockingham Princess Marilyn
14,500—721—FF
Sold for \$1,000
15 A R daughters aver. 619 lbs. F.

**ROCKINGHAM TWILIGHT
316681 A R**

12,825—664-G; 16,726—845-D
Dam of 3 A R sons, 1 A R dau.
Rockingham Starling
11,735—587-G; 15,799—796-DD
N. H. State Leader in CLDD

ROCKINGHAM PHILIP 211043
Sire of 1 A R daughter

VIOLET OF HEAD RIVER 336394
1 A R daughter

**LANGWATER HOLLISTON
28055 A R**

56 A R daughters, 31 A R sons
Rockingham Twilight
12,825—664-G; 16,726—845-D
Rockingham Maid
15,434—820—D
Sold for \$6,800
May Belle of Rockingham
16,047—817—A

**IMP. PRINCESS OF THE
VAL DU-SUD 188421 A R**

14,990—693-AA; 16,370—761-A
5 A R daughters, 2 A R sons
Rockingham Princess
14,595—684—C

**LANGWATER HOLLISTON
28055 A R**

56 A R daughters, 31 A R sons
Early Dawn
10,882—686-EE; 14,426—796-A
Rockingham Francaise
12,068—739-G; 14,323—792-A
Rockingham Fanny
15,733—748—B

**IMP. STARLIGHT OF
THE FONTAINES 104102 A R**

11,450—583—F
Made over 80 lbs. fat one
month, 3 of her sons sold for
\$2,500, each as a yearling
5 A R daughters, 3 A R sons

**HOLLISTON'S SLOGAN OF
ROCKINGHAM 114355 A R**

21 A R daughters, 6 A R sons
Rockingham Lillian
16,879—831—A
Rockingham Starling
15,799—796—DD
Rockingham Sunflower
15,560—752—C
Rockingham Princessa
14,089—666—G
Don Alda Lady Rosebud
15,127—770—G
Class Leader

**ROCKINGHAM PHYLLIS
319612 A R**

9,601—548—GG

**ROCKINGHAM ROYAL STAR
101925**

1 A R son
Rockingham Royal is sired by
Langwater Holliston A R

ITALIA OF HEAD RIVER 233665

Out of Marigold of Rockingham
13,843—687—AA