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Piracicaba, September 6, 1956.

Nº 762-GEN-56
FGB/ES

Dr. J.G.Harrar
The Rockefeller Foundation
49 West 49th Street
New York 20, N.Y., U.S.A.

Dear Dr.Harrar:

I acknowledge the receipt of your letter of August 10, for which I thank you. I am now able to give you complete information about the plans for cooperative work on corn breeding, which have now been completed.

Firstly, we still believe it indicated to limit the area to the southern part of Brasil, which in a way is the "corn belt", i.e., the area roughly from Minas Gerais to Rio Grande do Sul. The remaining large areas may come under consideration later on, when the project in the southern region is well established and has in fact done creditable work.

In this southern area we have decided in the first year (Sept. 56/Sept.57) to carry out a few very simple experiments on "limits of adaptation". We know from experience, that there are such limits, i.e. that corn from Rio Grande do Sul is not very satisfactory anymore in São Paulo etc. However, we should have more reliable informations. Furthermore a simple and modest plan has more prospect of success in the beginning, than large and too ambitious projects.

The Institutions which have promised to cooperate are the following:

- (1) E.S.A."Luiz de Queiroz", with experiments at Piracicaba and at Ribeirão Preto, in the grounds of the Faculty of Medicine. In charge of experiments Ernesto Paterniani, who will act as general coordinator.
- (2) Instituto de Ecologia, Ministério da Agricultura (Director Oswaldo Bastos de Menezes) with experiments at São Simão (in charge Dr. Lenilson Barbinato do Rosário) and at Botucatu (in charge Dr.Ruy Malta), both Stations in São Paulo.

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- (3) Instituto Agronômico Campinas, with experiments at Campinas and perhaps elsewhere. In charge Dr.Glauco Pinto Viégas.
- (4) Instituto Agronômico do Sul, Pelotas (Director Ady Raul da Silva) with experiments at Pelotas and other stations, in charge (still open).
- (5) E.S.A.Viçosa (Dir. Carlos Schlottfeld) with experiments at Viçosa. In charge (still open).
- (6) Agroceres, with experiments at Jacarezinho (S.Paulo) and at Carazinho (Rio Grande do Sul), in charge Dr. Gladstone de Almeida Drummond.

There cannot be any doubt, that the work of this group would benefit very much, if a foreign distinguished specialist could take over the function of an adviser. As I wrote you before, there are several quite outstanding names, which have been mentioned already. No doubt Dr. Sprague, Dr.Jenkins or Dr.Mangelsdorf would be extremely usefull, but we rather are afraid that they may already be overburdened with additional functions. Dr.Lonnquist, when he was with us in February, told us that he could have time available in January/March to come to Brasil and to cooperate with us. During his stay he has also shown, that he has a very good hand in establishing contact with Brazilian colleagues and also with young men. Furthermore, the plans, which we will carry out, have been essentially worked out during the round tables with him here.

Thus we submitt now a request to the Foundation:

1) That a grant may be authorized for a high level adviser on corn breeding for our project, and we take the liberty to suggest the name of Dr.Lonnquist as a possible and desirable choice. This grant should include the travel expenses of the adviser to and from Brasil and an allowance for his living expenses.

2) Furthermore, we ask for additional funds, to remain at our disposal for the following: somebody should accompany Dr.Lonnquist on inspection trips to Minas Gerais and Rio Grande do Sul. It would also be

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extremely usefull, iff all cooperators could meet for a few days during the corn season, and during the presence, in Brasil, of the adviser. All these trips would hardly cost more than one thousand dollars, in addition to the expenses of the adviser. We expect to obtain further additional funds for additional expenditures, if necessary, from Brazilian sources.

If this grant could be authorized, evidently part (1) will be paid to the adviser directly, and I take the liberty to suggest that the expense fund (2) of one thousand dollars should be administered either by ourselves or Dr.Watkins in Rio. Since I am the oldest brasilian member of the group and had to carry out so far all coordinating activities, I will probably have to assume the responsibility for ascertaining, that the grant is used only in accordance with conditions established by the Foundation.

We hope that these informations can be considered as sufficiently complete, allowing a decision of the Foundation. Whatever this decision may be, we shall carry out the work during this year, starting next October 1956, but would like to establish, as early as possible, plans on a longer basis, of at least a three year period, and of course would be glad if the help of the adviser could also be of the same duration. After this 3 years period, the situation should be discussed again, on the basis of the merit of work carried out.

Hoping not only that these informations may be sufficient, but that the Foundation may help this new and serious attempt to start cooperative breeding work on corn on a rather large geographic area, I remain

Very sincerely yours

Dr.F.G.Brieger

Copy to Dr.J.Lonnquist.