

1. Maize Germplasm Collection.

An extensive collection program has been carried out for the past two years cooperating with the Rockefeller Foundation Agricultural Program in Colombia, in trying to sample as thoroughly as possible the different corn producing areas of Peru.

From this collection program a number of approximately 900 corn samples have been obtained, covering approximately 3/5 of the various corn areas of the country. These samples are in storage at the Andean region seed center in Medellin, Colombia, while a duplicate sample is being kept under refrigeration at the local maize germplasm bank at the National College of Agriculture, La Molina, Lima, Peru.

The collections are being, at the present time, subjected to evaluation under conditions similar to those of their original habitats. A test of high altitude corns for agronomic and general biometric characteristics, is under way at the Agricultural Experiment Station of the Central Highland Region of Peru, at 3,300 meters above sea level, which is probably the highest region in the world where corn is cultivated on a large scale. Another evaluation test with lowland materials is being conducted at LaMolina.

Classification of data on the collections, both qualitative and quantitative, is being started with the use of punch card systems.