

UNITED STATES DEPARTMENT OF AGRICULTURE



INVENTORY No. 125



Washington, D. C.

Issued April 1940

PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, OCTOBER 1 TO DECEMBER 31, 1935 (Nos. 112307-113512)

CONTENTS

	Page
Introductory statement-----	1
Inventory-----	3
Index of common and scientific names-----	33

INTRODUCTORY STATEMENT

This inventory, No. 125, is a record of plant material received by the Division of Plant Exploration and Introduction from October 1 to December 31, 1935 (Nos. 112307 to 113512).

Particular mention should be made of the introduction from Oceania of 143 lots of sugarcane cuttings (Nos. 112861 to 113003). These were collected by E. W. Brandes, Bureau of Plant Industry, and represent distinct native strains developed in New Caledonia, New Hebrides, and other Pacific islands. This introduction is a continuation of a worldwide search for mosaic-resistant varieties that already has made possible the development of superior commercial varieties for Louisiana and western Puerto Rico, and in the past few years it has increased sugar production for those areas from 46,000 tons to about 500,000 tons per year.

A closely related project is one concerned with the genetics of the sugar beet. Additional source material for this project is recorded in the introduction through G. H. Coons, of the Bureau of Plant Industry, of 193 lots of beet varieties (*Beta* spp.; Nos. 112398 to 112590) from Portugal, Germany, and other parts of continental Europe, and from the Canary and Madeira Islands.

Several lots of seeds of cultivated tobacco were received from Colombia, where Raymond Stadelman of the Bureau of Plant Industry was engaged in collecting as many as possible of the local strains grown in the more isolated parts of that country. At the same time W. A. Archer, mentioned in the preceding inventory, continued to send in seed of tobacco varieties from Mexico. These introductions are intended, as has already been pointed out in Inventory No. 124, for the use of Department pathologists seeking to develop disease-resistant tobacco varieties for the United States.