

pasture lands from the coast to 50 or 100 miles inland and is found in all the small shops of the coast towns as a common remedy." (*Curran*.)

49258 to 49260.

From Medellin, Antioquia, Colombia. Seeds presented by W. O. Wolcott. Received January 15, 1920.

49258. ANNONA MURICATA L. Annonaceæ. **Soursop.**

"The soursop, known in Spanish-speaking countries as guanábana, is unexcelled for sherbets and refreshing drinks. The fruit is oblong, sometimes 4 or 5 pounds in weight, dark green, and prickly on the surface. The white, cottony flesh has a rich aromatic flavor. The tree is rarely more than 20 feet high and has thick glossy leaves and large greenish flowers; it is tropical in its requirements and will grow only in southern Florida." (*Wilson Popenoe*.)

For previous introduction, see S. P. I. No. 47874.

49259. CANAVALI ENSIFORME (L.) DC. Fabacææ. **Jack bean.**

"These are called *frisol del diable*, or 'devil beans.'" (*Wolcott*.)

"The jack bean is a native of the West Indies and the adjacent mainland and is a bushy semierect annual with coarse stems, thickish leaves, purplish flowers, and hard white pods 9 to 14 inches long, each containing 10 to 14 white seeds. Usually the roots are well tuberclled, and the plant will withstand much drought. It is remarkably free from insects and fungous diseases and is but slightly affected by root-knot. It is valuable as forage and as a cover crop or for green manure." (*C. V. Piper*.)

For previous introduction, see S. P. I. No. 46977.

49260. CARICA PAPAYA L. Papayacææ. **Papaya.**

"Seeds of a big variety of papaya." (*Wolcott*.)

For previous introduction, see S. P. I. No. 47586.

49261 to 49264. SACCHARUM OFFICINARUM L. Poacææ.

Sugar cane.

From Fajardo, Porto Rico. Seeds purchased from R. A. Veve, of the Fajardo Sugar Co. Received January 9, 1920.

"These varieties are known to produce fertile seeds and juices of high density." (*Veve*.)

49261. *Cristalina*.

49263. *D117*.

49262. *D109*.

49264. *D433*.

49265. MANIHOT ESCULENTA Crantz. Euphorbiacææ.

Cassava.

(*M. utilisissima* Pohl.)

From Kingston, Jamaica. Cuttings presented by William Harris, Government botanist and superintendent of public gardens. Received August 11, 1919. Numbered January, 1920.

Introduced for testing in the southern United States, Hawaii, and Porto Rico. *Rodney*.

49266. SACCHARUM OFFICINARUM L. Poacææ.

Sugar cane.

From Fajardo, Porto Rico. Seeds purchased from R. A. Veve, of the Fajardo Sugar Co. Received January 9, 1920.

"One of the varieties known to produce fertile seeds and juices of high density." (*Veve*.)

Rayada (ribbon).