

52427 to 52431—Continued.

52431. *Florida Green*, from W. B. Cross, Kreamer Island, Fla. Introduced for experimental purposes.

"Presumably a medium-sized soft green cane identical with *Otaheite* of Cuba and *Bourbon* of the British West Indies. Variety low in fiber and highly susceptible to most sugar-cane diseases. Liked for a chewing cane but not well adapted for sirup or sugar because of the lack of disease resistance and poor ratooning qualities." (P. A. Yoder.)

52432 to 52435. SACCHARUM OFFICINARUM L. Poaceæ.**Sugar cane.**

From Rio Piedras, Porto Rico. Seeds presented by F. S. Earle, Insular Experiment Station. Received January 15, 1921.

52432. "D-109. A dark-red cane, originated in Demerara by Doctor Harrison, fairly resistant to root disease and a fairly good ratooner. Its dark color might make it undesirable for sirup-making. When allowed sufficient time to mature, the cane tests well for sucrose and purity." (H. B. Cowgill.)

"A very good germinator." (R. A. Vive.)

52433. "*Kavangire* (Uba). A slender fibrous variety of the northern India (Japanese) type, very prolific and resistant to most diseases. Immune to mosaic disease. Similar to or identical with *Uba*." (P. A. Yoder.)

52434. "P. R. 260. An erect-growing, green to yellowish green cane, having long stalks of good girth, which gave excellent tonnage in *gran cultura* (long period of growth—18 months in Porto Rico) and also made an exceptionally fine appearance at Central Guanica, where it was sent for trial. The tonnage obtained from *gran cultura* was excellent. It has ratooned only fairly well and will probably be more suitable for the south coast, where ratooning is little practiced." (H. B. Cowgill.)

52435. "P. R. 292. A tall erect-growing cane, of reddish green color, which gave an excellent yield as *gran cultura*, and a juice of good sucrose and purity. The stalks were long and of good girth. It stooled well and was vigorous and healthy. It also made a good growth as ratoon cane." (*Annual Report of the Porto Rico Insular Experiment Station, 1917-1918, p. 91.*)

52436 to 52448.

From Bangkok, Siam. Seeds collected by J. F. Rock, Agricultural Explorer of the United States Department of Agriculture. Received January 14, 1921. Quoted notes by Mr. Rock.

52436. *CASTANEA DIVERSIFOLIA* Kurz. Fagaceæ.

"(No. 81. Chiangmai, Siam.)"

A moderate-sized evergreen tree found in Nepal, eastern Bengal, Assam, and Chittagong up to an altitude of 5,000 feet. The fruit is eaten and much resembles the filbert in shape and flavor but has a thinner shell. The gray hardwood splits well and is largely used for shingles in Darjiling. It coppices freely and is often pollarded and the branches burned for fertilizer. (Adapted from *Watt, Dictionary of the Economic Products of India, vol. 2, p. 228.*)