

45132 to 45137. SACCHARUM OFFICINARUM L. Poaceæ.**Sugar cane.**

From Honolulu, Hawaii. Cuttings presented by the experiment station of the Hawaiian Sugar-Planters' Association. Received August 23, 1917.

45132. *Demerara No. 1135.*

45133. "*Hawaiian No. 20.* Of a greenish yellow color, turning slightly red when exposed to the sun; internodes long and the rind hard; resists insects quite well and withstands winds better than many of the other varieties. It is a very popular cane in Hawaii to-day." (*Philippine Agricultural Review, July, 1914.*)

45134. "*Hawaiian No. 27.* Very large, erect, dark-green or yellow stalk; somewhat resembles *Lahaina*, but has shorter internodes; rind firm but not quite as hard as *Hawaiian No. 20*; stools well and gives a good tonnage; juice usually rich in sucrose." (*Philippine Agricultural Review, July, 1914.*)

45135. *Hawaiian No. 109.* A rose-colored seedling of the *Lahaina* variety, with hard rind, very slight rooting tendency, medium eyes and internodes. It is of good milling quality, of good hopper resistance, has eight canes in the stool, and no recumbency. The purity of the juice is 92.3 per cent and the sucrose percentage 17.9. (Adapted from *Circular No. 4, Report of the Experiment Station of the Hawaiian Sugar-Planters' Association, 1907, p. 12.*)

45136. *Hawaiian No. 146.* A yellow seedling of Barbados 306, with no recumbency, very fair hopper resistance, 10 canes in the stool, medium internodes, prominent eyes, hard rind, and no rotting tendency. It is of good milling quality, and the percentage of sucrose is 16.0 and of purity 90.4. The weight of the cane per foot is 8.5 ounces. (Adapted from *Circular No. 4, Report of the Experiment Station of the Hawaiian Sugar-Planters' Association, 1907, p. 14.*)

45137. "*Hawaiian No. 227.* An erect and tall cane; rind of a yellowish color and very hard; leaves stand up well and have a midrib which is slightly greenish but not conspicuous. Tonnage and purity results at the bureau experiment station the past year were very satisfactory." (*Philippine Agricultural Review, July, 1914.*)

45138 to 45140. SACCHARUM OFFICINARUM L. Poaceæ.**Sugar-cane.**

From Honolulu, Hawaii. Seeds presented by the experiment station of the Hawaiian Sugar-Planters' Association. Received August 23, 1917.

45138. "*Lahaina.* Stalk of medium size, yellowish green in color, and somewhat recumbent on account of the extremely soft outer tissue; internodes very long. This cane was once the popular cane of Hawaii." (*Philippine Agricultural Review, July, 1914.*)

45139. *Demerara No. 1135.*

45140. *Hawaiian No. 109.* See S. P. I. No. 45135 for description.