

54344. ORYZA SATIVA L. Poaceæ. Rice.

From Saigon, Cochin China. Seeds presented by M. E. Carle, director, Laboratoire de Genetique, Institut Scientifique de l'Indochine. Received September 13, 1921.

Lúa chua chan.

54345. ECHINOCHLOA HAPLOCLADA Stapf. Poaceæ. Grass.

From Loanda, Angola, Africa. Seeds presented by J. Gossweiler, through H. A. Longworth, agricultural missionary, Angola Mission, Malanzhe, Angola. Received September 16, 1921.

A tufted perennial up to 8 feet high, native to Nile land and Mozambique. The linear leaves are 6 inches to over a foot long, and the dense erect linear to linear-oblong panicles are 4 to 9 inches long. (Adapted from *Thiselton-Dyer, Flora of Tropical Africa, vol. 9, p. 613.*)

54346 and 54347. ORYZA SATIVA L. Poaceæ. Rice.

From Saigon, Cochin China. Seeds presented by M. E. Carle, director, Laboratoire de Genetique, Institut Scientifique de l'Indochine. Received September 13, 1921.

54346. *Nango.* A fine variety with somewhat elongated grain, of the Gocong type. After a growing period of 159 days it matures about January 8, with a yield of 1,496 kilograms per hectare (1,335 pounds per acre). (Adapted from *Bulletin Agricole de l'Institut Scientifique de Saigon, vol. 2, p. 43.*)

54347. *Nangyoc.* A variety with a normal growing period of 119 to 151 days usually 122 days. The normal yield is 2,000 kilograms per hectare (1,785 pounds per acre). (Adapted from *Bulletin Agricole de l'Institut Scientifique de Saigon, vol. 2, p. 41.*)

54348. ORYZA SATIVA L. Poaceæ. Rice.

From Loanda, Angola, Africa. Seeds presented by J. Gossweiler, through H. A. Longworth, agricultural missionary, Angola Mission, Malanzhe, Angola. Received September 16, 1921.

"Rootstock tufted, culms numerous, up to 2 meters (7 feet) high. Found with *Echinochloa stagnina* and *E. pyramidatis* in swamps which contain stagnant water up to the time of maturity of the rice. Native to the swampy margins of River Longa, Quissama, Cuanza Sul, Angola. Matures towards July." (*Gossweiler.*)

54349. ORYZA SATIVA L. Poaceæ. Rice.

From Saigon, Cochin China. Seeds presented by M. E. Carle, director, Laboratoire de Genetique, Institut Scientifique de l'Indochine. Received September 13, 1921.

Ra xanh. A variety originated at Dinhthoi, Cantho, very productive, but with a small short grain. The yield is from 1,769 to 3,859 kilos per hectare (1,579 to 3,444 pounds per acre) with a growing period of 202 to 218 days. Ripens February 19 to 21. (Adapted from *Bulletin Agricole de l'Institut Scientifique de Saigon, vol. 2, p. 41.*)

54350 to 54352. PANICUM spp. Poaceæ. Panic grass.

From Loanda, Angola, Africa. Seeds presented by J. Gossweiler, through H. A. Longworth, agricultural missionary, Angola Mission, Malanzhe, Angola. Received September 16, 1921.

"Grasses of Angola, which may be useful for forage." (*Longworth.*)

54350. PANICUM MAXIMUM Forsk.

"A robust perennial 6 feet or more tall, with short rootstocks growing in immense leafy clumps. The open panicles about a foot long bear numerous smooth, rather small oblong spikelets. Native to Guadeloupe." (*Agnes Chase.*)

For previous introduction, see S. P. I. No. 53956.