

A bush 4½ feet high covering 30 to 36 square feet. It is extremely vigorous and makes shoots up to 5 feet long in a year. In general appearance the bush is a gooseberry and a very spiny one. It bears regularly and heavily, producing round fruits the size of a small gooseberry, arranged just as gooseberries are, purple-black in color, with a flavor like that of a sweet gooseberry and without a trace of the black currant. (Adapted from notes by F. J. Chittenden and William Crump in *The Garden*, vol. 84, p. 607.)

54508. GOSSYPIMUM BARBADENSE L. Malvaceæ. Cotton.

From Cairo, Egypt. Seed presented by James A. Prescott, Sultanic Agricultural Society, Cairo, Egypt. Received December 27, 1921.

"*Zagora*, if true to type, is the earliest and most productive of the Egyptian types, running from 33 to 35 millimeters. It is very possible that it will succeed in parts of Texas where the longer staples and later Egyptians are not productive." (*George Freeman*.)

54509. LECYTHIS ZARUCAJO Aubl. Lecythidaceæ. Paradise nut.

From Port of Spain, Trinidad. Seeds presented by Eugene André. Received December 27, 1921.

"Nuts from 3 or 4 trees that bore fruits for the first time. Several fruited this year and are doing quite well at the Dabadie Nurseries, where few plants thrive in the poor, stiff clay. In all I have 33 trees of different sizes.

"The fruits are large, urn shaped, and vary in size, and they carry a considerable number of nuts." (*André*.)

54510 to 54514.

From Burringbar, New South Wales, Australia. Seeds presented by B. Harrison. Received December 22, 1921. Quoted notes by Mr. Harrison.

54510 and 54511. CUCUMIS MELO L. Cucurbitaceæ. Muskmelon.

54510. "*Kankri*. An East Indian fruit between the muskmelon and cucumber. The yellow fruit, 2 to 3 feet long, can be eaten with either sugar or salt, according to taste. It should be useful for pies and preserves."

54511. "*Mammoth Yellow*. Grows from 12 to 15 pounds in weight and is very prolific."

54512. PASSIFLORA EDULIS Sims. Passifloraceæ. Granadilla.

"*Mammoth passion fruit*. The fruits, of a very delicious flavor and very productive, are twice the size of the ordinary variety."

54513. PENNISETUM PURPUREUM Schumach. Poaceæ. Elephant grass.

"*Congo grass*. A variety of elephant grass, 10 to 12 feet high, with thicker stalks, larger leaves, and less fiber than other varieties. Yields 40 to 50 bushels of good fodder per acre and is permanent for some years when established. It grows well in dry soil and is very fattening."

54514. PHYSALIS PERUVIANA L. Solanaceæ. Poha.

"*Harrison's Giant*. Evolved by careful selection and cultivation. The very large berries, many 1½ inches in diameter, have a splendid flavor and make delicious pies and preserves. They are as easily grown as tomatoes."

54515. COELOCOCCLUS AMICARUM (Wendl.) W. F. Wight. Phœnicaceæ. Apple-nut palm.

From Hilo, Hawaii. Seeds presented by Matthias Newell. Received November 10, 1921.

"The *apple-nut* or *ivory-nut* tree is 30 to 50 feet high and is found in the islands of the Pacific. The beautiful brownish scaly fruits are 3 inches in diameter and are used chiefly in the manufacture of the very large buttons used on ladies' coats. Much larger buttons can be made from this nut than from