

99319. CYRTOSPERMA SENEGALENSE
(Schott) Engler. Araceae.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received June 6, 1932.

A curious aroid which sends up its spathe on a spiny stem 10 feet high. The spathe itself is 16 inches long. The plant requires wet sandy soil, tropical conditions, and moist atmosphere.

For previous introduction see 90914.

99320. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

From Cuba. Seeds presented by Thomas R. Towns, Holguin. Received April 29, 1932.

A pole bean which grows for several years in Cuba and produces beans almost continuously. The pods are used as a green bean.

Introduced for the use of Department specialists.

99321. CITRUS HYSTRIX DC. Rutaceae. Cabuyao.

From India. Seeds presented by R. N. Parker, forest botanist, Forest Research Institute, New Forest, Dehra Dun. Received May 31, 1932.

From plants growing wild in Kumaon. A large thorny tree, 20 to 60 feet high, with leaves 6 to 8 inches long. The fruits vary in shape from oblate to pyriform-turbinate or oblong; the smooth to more or less corrugated thick ring is greenish lemon-yellow in color, and the flesh is greenish, juicy, and sharply acid. The tree is said to be very resistant to the citrus canker.

For previous introduction see 50309.

99322 to 99325.

From Australia. Seeds purchased from F. H. Brunning Pty, Ltd., Melbourne. Received May 17, 1932.

A collection of forage grasses introduced for Department specialists.

99322. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.

Cocksfoot, Akaroa strain, New Zealand Government certified.

99323 to 99325. LOLIUM PERENNE L. Poaceae. Perennial ryegrass.

99323. Poverty Bay Perennial, New Zealand Government certified "mother" seed.

99324. Poverty Bay Perennial, New Zealand Government certified "maiden" seed.

99325. Victorian or Western District Perennial, genuine old pasture seed.

99326. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From the Union of Soviet Socialist Republics. Seeds presented by the Kungursk elevator, Ural Regional Seed Producers, All-Russian Seed Producers' Union, city of Kungur, Ural District. Received May 25, 1932.

Introduced for the use of Department specialists.

99327 to 99333.

From Australia. Seeds purchased from the Glen Innes Experiment Farm, Plant Breeding Branch, Department of Agriculture, Sydney, New South Wales. Received May 28, 1932.

Forage grasses introduced for the use of Department specialists.

99327 to 99329. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.

99327 to 99333—Continued.

99327. G 30-205. Improved New Zealand cocksfoot.

99328. G 32-8. Improved cocksfoot.

99329. G 32-3. Commercial cocksfoot.

99330 and 99331. LOLIUM PERENNE L. Poaceae. Perennial ryegrass.

99330. G 30-29. Improved New Zealand perennial rye.

99331. G 32-4. Commercial perennial rye.

99332. PHALARIS TUBEROSA L. (*P. stenophylla* Hort.) Poaceae.

G 32-9.

99333. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

Commercial red clover.

99334 to 99337.

From Tobago, British West Indies. Seeds presented by E. J. H. Thomas, Charlotteville. Received May 26, 1932.

99334. CASSIA sp. Caesalpinaceae.

Easter blossom. A form with yellow flowers.

99335. ERYTHRINA sp. Fabaceae.

Mountain immortelle.

99336. ICHTHYOMETHIA PISCIPULA (L.) Hitchc. Fabaceae.

An attractive leguminous shade tree which becomes 50 feet high, with a spreading habit and large pinnate leaves. The large racemes of pale pink flowers appear before the leaves and somewhat resemble those of the black locust. The wood is used for cart building.

For previous introduction see 97847.

99337. PASPALUM CONJUGATUM Berg. Poaceae. Grass.

A creeping perennial grass with the flowering stems sometimes 3 feet tall. This species, originally from Surinam, is found in most places in the Tropics of both hemispheres and forms extensive and close mats.

For previous introduction see 76432.

99338. SORGHUM VIRGATUM (Hack.) Stapf. Poaceae. Grass.

From Africa. Seeds presented by Prof. August Chevalier, Museum of Natural History, Paris, France. Received May 25, 1932.

Seeds collected in the heart of the Sahara by Professor Chevalier on his recent trip across the Sahara to Timbuktu; they may prove of interest in the semidesert regions of the southwestern United States.

99339 to 99349.

From the Union of Soviet Socialist Republics. Seeds presented by the director, Regional Oil Plant Station, Kruglik, northern Caucasus. Received May 5, 1932.

99339. BRASSICA ALBA (L.) Boiss. Brassicaceae. White mustard.

The seeds of this white mustard are less pungent than those of the black mustard (*Brassica nigra*), but are used in the same way. The young leaves of both are useful as a potherb and also as a salad.

For previous introduction see 60774.

99340. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

Used for oil and dye.

For previous introduction see 84283.