

54388. "Root grafts, 'Delicious' x 'Cox's Orange' cross, nearly aphid-resistant; a beautiful apple; an early and heavy cropper of superb quality."

54389. "Root grafts, 'Imm's Seedling.' A large culinary apple, one of the very best for that purpose; good cropper, and aphid-resistant. A most promising stock; of upright growth, with very large foliage, and a splendid root system."

54392. "A sport from the 'Ribston Spy' cross, differing only in its most peculiar color; it is aphid-resistant. Flavor and keeping qualities superb."

Mangifera indica (Anacardiaceae), 54041. **Mango.** From Pachmarhi, Central Provinces, India. Seeds presented by the Superintendent, Government Gardens, through Mr. William Bembower, Allahabad Agricultural Institute, Allahabad. "Seeds of 'Pachmarhi,' frost-resistant variety." (Bembower.)

"The Bombay mango grafts were seriously affected by frost each year, when grown at Pagara. The 'khuds' and ravines of the Pachmarhi Hills are full of wild mangos and it has now been found that if the Bombay varieties are grafted on the wild 'Pachmarhi' seedlings, the resulting trees, without deteriorating in quality, are quite frost-resistant." (Agricultural and Cooperative Gazette, Nagpur, vol. 9, p. 15.)

Oryza sativa (Poaceae), 54289 to 54292. **Rice.** From Saigon, Cochin-China. Seeds presented by M. E. Carle, Director, Laboratoire de Genetique, Institut Scientifique de L'Indochine. Notes adapted from Bulletin Agricole, de L'Institut Scientifique de Saigon, vol. 2, pp. 41, 46, 48, and 49.

54289. 'Nam-vian,' or 'ba sao.' A recent introduction from Cambodia, with stalks 12 feet long and thick heads up to a foot long. A floating rice with a different flavor from that of the ordinary rice. For the first two months floating rice grows as ordinary rice, but later, floods of the Mekong River, which start in July, gradually submerge all of the plant except the leaf tips. The water averages 1.2 to 1.5 meters (4 to 5 ft.). As the water recedes after November, the stalks bend down and when the lower part touches the ground the nodes take root.

The stalk of floating rice is thicker than that of ordinary rice and is from 2.5 to 5 meters (8 to 16 ft.) long. Only the tips of the stalks are leafy. The growing period is 8 to 9 months, from April or May to