

(Adapted from Florists' Review, vol. 34, p. 78.)

*Citrus* sp. (Rutaceae), 50967. From Swatow, Kwangtung, China. Seeds presented by Mr. A. H. Page. "A fruit we call the Chinese lime. The nearly ripe one weighs now about  $4\frac{1}{2}$  ounces, the green one 2 ounces. Either would make a fairly good 'lemon' pie, the riper one having the better flavor. The tree is very hardy and bears immense crops. I picked nearly 600 last fall from a tree about 9 feet high and of moderate spread. I certainly believe it is worth a trial for lime juice and citric acid." (Page.)

*Coffea excelsa* (Rubiaceae), 50632. Coffee. From Cape Town, Cape Colony. Seeds presented by Mr. J. Burt-Davy, through Mr. George H. Murphy, American consul general. A large-leaved tree of vigorous growth, closely allied to *Coffea liberica*, but a stronger grower, and apparently a better producer; the seeds are, however, smaller than those of the true Liberian coffee. It is apparently a plant which has considerable powers of thriving under very adverse conditions. Nearly 9 pounds of berries to a tree have been gathered from this variety. It prefers low situations but may be planted up to 2,000 feet above sea level.

Below is a table showing the weight of berries of various coffees required to give one kilogram of marketable coffee:

|                                                 |          |
|-------------------------------------------------|----------|
| <i>Coffea canephora</i> var. <i>canariensis</i> | 4.7 kg.  |
| <i>canephora</i>                                | 3.8 kg.  |
| <i>robusta</i> (Java)                           | 3.8 kg.  |
| <i>excelsa</i>                                  | 5.5 kg.  |
| <i>liberica</i>                                 | 12.0 kg. |
| <i>dewevrei</i>                                 | 8.3 kg.  |
| <i>aruwimiensis</i>                             | 6.7 kg.  |

*C. excelsa* is found in the wild state in central Africa at altitudes of 2,200 feet in a climate which is dry for six months of the year and has a rainfall of at least 40 inches during the remaining six months. The temperature in summer is tropical, while in December and January it falls below 10° C. (50° F.) at night. This type does well in equatorial regions, has a satisfactory strength in caffeine, and, though somewhat bitter, it has an excellent flavor. In Tonking its growth has been remarkable and entirely free from insect and fungus pests. The bean is small and uniform in size and it is hoped that it may sell in competition with Arabian coffee blended with Mocha. In appearance