

**37748 to 37798—Contd.** (Quoted notes by Mr. Dorsett and others.)

and a typical fruit contains 50 c. c. of juice. The flavor is sweet and the quality fair. There are about 19 seeds to the fruit."

**37772 and 37773. CITRUS LIMETTA** Risso. **Sweet lime.**

**37772.** "Tree 1-2-5. This fruit, known in Portuguese as *lima doce*, is about the size of a lemon, a typical fruit being  $2\frac{1}{4}$  inches in diameter. The skin is pale green in color externally and slightly less than one-fourth of an inch in thickness. The core is closed and small, the juice sweet and cloying in flavor. This is a fruit that is highly esteemed by the Bahians. Its flavor is similar to that of the lime, but with less acidity. The seeds number 12. The tree is very productive."

**37773.** "Tree 1-1-7. See previous number [S. P. I. 37772] for description."

**37774 to 37777.**

From the grove of Col. Demetrio Luiz de Souza, Cruz de Cosme, Bahia.

**37774. CITRUS SINENSIS** (L.) Osbeck. **Navel orange.**

"Tree 1-6-1. A tree about 25 years old, 18 feet in height, 21 feet in spread, headed  $1\frac{1}{2}$  feet above the ground, spreading habit, trunk 27 inches in circumference. Foliage dense, dark green in color; no spines. There are 237 fruits in the June crop and 49 in the December crop, no variations among them being apparent. The navel is medium sized. The fruits on this tree were some of the finest we observed during our stay in Bahia."

**37775. CITRUS AURANTIUM** L. **Bitter orange.**

"Tree 1-1-1. The bitter or Seville orange, known in Portuguese as *laranja da terra*. This is the citrus generally used in Bahia as a stock for the navel orange, as well as for other varieties of citrus fruits. The tree from which these buds were taken is about 15 years old, 14 feet in height, 13 feet in spread, erect in habit, headed 15 inches above the ground, with a trunk  $23\frac{1}{2}$  inches in circumference. The foliage is dense, deep green; thorns very large and strong. There are 106 fruits in the June crop and 46 in the December crop, among which no variations were noticed. Typical fruit of *laranja da terra* weighs about 180 grams and is  $9\frac{1}{2}$  inches in circumference, 3 inches in diameter, with a skin one fourth of an inch thick and a core three fourths of an inch in diameter. The shape is oblate, with the button and blossom flush with the surface. The skin is dull orange in color and the flesh pale orange. The texture of the surface is rough. The rag is tender, juice abundant, a single fruit containing 60 c. c. The flavor is bitter and rather acid. The quality is poor for eating out of hand, the fruit being used principally for making marmalade. Obtained for trial as a stock plant for citrus fruits in this country and also for marmalade or cooking purposes."