

44781 to 44783—Continued.

oblate, medium sized, varying from 1 to 2 ounces in weight, tight in the cavity, with both seed coats adhering closely to the cotyledons."

See also Exploring Guatemala for Desirable New Avocados, Annual Report of the California Avocado Association, 1917, p. 134, fig. 30; reprint, 1918, p. 26, fig. 30; and The Avocado in Guatemala, U. S. Department of Agriculture Bulletin No. 743, p. 62, pl. 21.

44783. "(Nos. 122, 143. Avocado No. 28.) *Cantel.* The parent tree of this variety is just coming into bearing and produced but few fruits in 1917. While it is too early to know definitely what its bearing habits will be, the character of the fruit is so unusual as to make it worth while to test the variety in the United States. Most round avocados have a medium-sized or large seed. This one, however, has an unusually small seed, and if the variety proves desirable in other respects it will be well worth cultivating. In quality it is good.

"The parent tree is growing in the finca La Candelaria, in Antigua, Guatemala. The altitude is approximately 5,100 feet. The tree has been planted to shade coffee bushes and is still young, its age not being more than 5 or 6 years. It is tall and slender in habit, about 20 feet high, with a trunk 6 inches thick at the base. As is customary in fincas, the tree has not been allowed to branch low, the first branches being more than 6 feet from the ground. The growth looks unusually strong and healthy, the young branchlets being stout, long, stiff, and well formed. The bud wood is excellent, having the buds well placed and vigorous.

"Little can be determined regarding the flowering and fruiting habits of the tree at this early day. When it was first seen, early in May, 1917, it had only three fruits on it. It may have borne more this year, as the crop had already been harvested from many of the trees in the finca. The ripening season is probably March to May.

"The hardiness of the tree can not be determined until it is tested in the United States, as it is never very cold in Antigua.

"The fruit is round, about a pound in weight, green, with a moderately thick skin. The flesh is of good color and quality and in quantity much greater than in the average round avocado, since the seed is quite small.

"The variety may be described as follows: Form oblate; size medium, weight 16 ounces, length $3\frac{1}{2}$ inches, breadth $3\frac{3}{4}$ inches; base slightly flattened, the long, slender stem inserted without depression almost in the longitudinal center of the fruit; apex flattened, slightly depressed around the stigmatic point; surface pebbled, deep yellow-green in color, with numerous minute yellowish dots; skin not very thick for this race, one-sixteenth of an inch or slightly more, hard, granular toward the flesh; flesh cream colored around the seed, becoming pale green close to the skin, very slightly discolored, with brownish fiber tracings, but with no fiber; flavor rich and pleasant; quality very good; seed very small for a round fruit, oblate, weighing less than 1 ounce, tight in the cavity, with both seed coats adhering closely to the cotyledons."

See also Exploring Guatemala for Desirable New Avocados, Annual Report of the California Avocado Association, 1917, p. 135, fig. 31; reprint, 1918, p. 26, fig. 31; and The Avocado in Guatemala, U. S. Department of Agriculture Bulletin No. 743, p. 63.