

**45560 to 45564—Continued.**

An early variety from the Antigua region, of rather large size, desirable form, and excellent quality. Although a round avocado, the seed is not large in proportion to the size of the fruit, but on the contrary is rather small. On the whole this seems a very promising variety.

"The parent tree is growing in a small coffee plantation belonging to Ignacio Gonzales, situated on the road to San Lorenzo del Cubo. The altitude is approximately 5,300 feet. The tree is about 35 feet high, with a trunk 30 inches thick at the base, dividing 2 feet above the ground to form two main limbs each 1 foot in diameter. These give off their first branches about 12 feet from the ground. The bud wood is excellent, the branchlets being stout and well formed, with vigorous buds conveniently placed.

"The tree did not produce a heavy crop from the 1916-17 blooms, but is said to have borne heavily in past seasons. It flowers in December and January and commences to mature its fruits the first of the following December. They are not at their best until January.

"The climate of this location is not sufficiently cold to test the hardiness of the variety; hence, it must be assumed, pending a trial in the United States, that it is of about average hardiness for the Guatemalan race.

"In form the fruit resembles the Trapp, of Florida, being round to oblate. It also resembles the Trapp in size and color, but the surface is somewhat rough and the skin thick and hard. The flesh is cream yellow, free from discoloration, and of a rich and pleasant flavor. The seed is small and tight in the cavity.

"The variety may be formally described as follows:

"Form nearly spherical, varying to slightly oblate and more rarely to broadly obovoid; size above medium to very large, weight 16 to 20 ounces, length  $3\frac{1}{2}$  to  $4\frac{1}{2}$  inches, greatest breadth  $3\frac{1}{2}$  to 4 inches; base rounded, the stem inserted very slightly to one side and almost without depression; apex flattened; surface pebbled, bright green in color with a few large yellowish dots; skin moderately thick, nearly one-eighth of an inch, coarsely granular, woody, and brittle; flesh cream color, greenish close to the skin, free from fiber or discoloration, of rich and pleasant flavor; quality very good; seed rather small, weighing about 2 ounces, oblate in form, tight in the cavity, with both seed coats adhering closely to the smooth cotyledons."

**45564.** "(No. 223. Avocado No. 36. December 10, 1917.) *Chabil*. A small, early variety of attractive appearance, desirable form, and excellent quality. It is similar to No. 6 [S. P. I. No. 43560] and is from the same region.

"The parent tree is growing in a small coffee plantation belonging to Ignacio Hernandez, situated on the hillside above San Lorenzo del Cubo, about 3 miles from Antigua. The altitude is approximately 5,500 feet. The tree is 45 feet high, the crown round, of good form, 45 feet broad, formed high above the ground. The trunk is 2 feet thick at the base, and the branches are 15 feet above the ground. The age of the tree is not known.

"The altitude of this location is not sufficient to show whether the variety is unusually hardy or not. It may be assumed to be of average hardiness for the Guatemalan race until it has been tested in the United States.