

characteristics were seen in the same locality, and it is possible that they may not be true Guatemalan avocados, though in most respects they seem to belong to this race. In form this fruit is long and slender, sometimes slightly curved, and sometimes becoming pyriform. It is medium-sized, weighing about twelve ounces. The surface is quite smooth, and green in color. The skin is thin, and surrounds the thin yellow flesh, which is of very good quality and shows no fiber or discoloration. The seed is medium-sized, and while it does not rattle in its cavity, it does not fit as snugly as it does in nearly all other Guatemalan varieties." (Popenoe.)

Persea americana (Lauraceae), 45560. **Avocado**. From Guatemala. Collected by Mr. Wilson Popenoe, Agricultural Explorer for this Department. "(No. 212. Avocado No. 26. **Manik**. Guatemala, Guatemala. November 13, 1917.) A productive and rather early variety of excellent quality. It is a medium-sized fruit of pleasing form and clear yellow flesh of unusually rich flavor. The parent tree is growing in the Finca La Polvora', in Antigua, Guatemala. The elevation is about 5,100 feet. Antigua does not experience severe frosts, hence it is impossible to determine, in advance of a trial in the United States, whether or not the variety is any hardier than the average of the Guatemalan race. The flowering season is February and March. The tree blooms profusely and some years sets enormous crops of fruit. In 1917 a very heavy crop was ripened. The 1918 crop is much smaller. In general, the bearing habits of the tree give promise of being unusually good, there being a tendency for the fruits to develop in clusters. The season of ripening is properly February to June, but fruits picked early in December developed fairly good flavor upon ripening in the house. The season may be termed early to mid-season. The fruit is more variable in form than that of some varieties. The range is from oval to slender pyriform, the majority of the fruits being of the latter shape, without, however, a well-defined neck. The weight varies from 8 to 12 ounces. The surface is slightly roughened, and green in color. The skin is moderately thick, the flesh rich yellow, quite free from all fiber or discoloration, and of a very rich and pleasant flavor. The seed is a trifle large in some specimens, small in others, being medium-sized or rather small on the average. It is quite tight in the seed cavity." (Popenoe.)