

*Xanthosoma sagittae-folium* (Araceae), 46030. **Yautia.** From Porto Rico. Presented by Mr. W. J. McGee, Chief, Bureau of Chemistry Experiment Station, San Juan. "A yellow-fleshed yautia of good quality. It will be of especial interest in central and southern Florida." (R. A. Young.)

*Zea mays* (Poaceae), 46056. **Corn.** From Mexico. Presented by the Estate of Diego Moreno, Guadalajara, Jalisco. "**Maiz pepitilla.** It is sown here in two ways: either three grains each in hills 1 m. (3 $\frac{1}{4}$  ft.) apart, or single grains in hills 0.25 m. apart, the latter being the better method. In either case, the furrows are a distance of 84 cm. (33 in.) apart. In hot lands, or along the coast, it yields in three months; in lands of moderate temperature, in six months; and in cooler lands, from seven to eight months. It is very well adapted to lands where the rainfall is not abundant for it is more drought-resistant than any other variety. The stalk grows more than that of any other corn and generally each stalk bears two ears if the land is ordinary, and three or more ears when the land is very good. Another advantage is that the ears rot less than those of other varieties because, when mature, they are enclosed perfectly by the leaves which do not permit water to enter. The cob is very slender and the grain is long; hence the yield is high. A good yield generally gives 70 kgs. to the hectol. (about 63 lbs. to the bu.) and a very good yield as high as 72 kgs. (65 lbs.) This corn is highly valued because it contains so much starch; when made into meal for use in the preparation of tortillas, it swells a great deal and gives better results than other kinds. As the grain contains less oil than other varieties, it is not good for fattening hogs but is suitable for other animals." (Moreno.)

#### Notes on Behavior of Previous Introductions.

Mr. J. F. Keltch, of Brayton, Tenn., reports: "The plum, (*Prunus salicina x cerasifera myrobalana*, S. P. I. No. 31652) you sent me three years ago, is the finest I ever saw. The tree bore last summer, and the fruits were extra large, smooth, sweet, and of fine flavor, beautiful in color and appearance. My neighbors all want some of the trees. One fruit man wants 100 or more. The tree is 10 feet tall, with a spread of 12 feet; it is growing in rocky, gravelly soil, and appears to be perfectly hardy on this cold mountain."