

56701 to 56709—Continued.

- 56705 to 56707. "From Manchuria, China."
 56705. "A local white flint variety."
 56706. "Lao-lai-tsou (white dent)."
 56707. "Ma-ya-tsou (red dent)."
 56708 and 56709. "From Sapporo."
 56708. "Longfellow (imported from the United States about 35 years ago)."
 56709. "Stephens Waushacum (imported from the United States about 25 years ago)."

56710 to 56745. IPOMOEA BATATAS (L.) Poir. Convolvulaceae.

Sweet potato.

From St. Croix, Virgin Islands. Tubers presented by J. B. Thompson, agronomist in charge, Agricultural Experiment Station. Received March 22, 1923. Quoted notes by Mr. Thompson.

"All these seedlings were grown from seeds at this station during February, March, and April, 1922. The seeds were collected from plantings of the Big Wig, Key West 'yam,' and Black Rock varieties grown close together, and it is believed they may have been cross pollinated. We believe that there are good possibilities even from these seedlings which are most unpromising."

56710. "No. 2. A Big Wig seedling. Vines in nursery row 18 to 24 inches long, medium in thickness, green with red coloring at juncture with petiole. Leaf large, cordate, resembling that of Black Rock; red midribs and green veins. Tubers dark red. The original seedling plant yielded 5 tubers weighing 6 pounds 6 ounces. Flesh yellow, mottled with red."
 56711. "No. 3. A Big Wig seedling. In the nursery row the vine growth was 2 to 4 feet in length, medium in diameter, green with red at juncture of petiole, and hairy. Leaf 3 parted, midrib and veins red, leaf growth dense. The tubers are red and the first or original seedling yielded 7 tubers weighing 1 pound 1 ounce. The color of the flesh is a rich yellow."
 56712. "No. 4. A Big Wig seedling. Plants in the nursery row were 5 to 8 feet long, completely covering the soil. The stems were rather slender, green with red coloring at juncture of petiole. The leaves were numerous, 3 parted with red midribs. The tubers are coppery red, the flesh yellow, occasionally mottled with red. The original seedling bore 7 tubers weighing 2 pounds 8 ounces."
 56713. "No. 5. A Big Wig seedling. The vines were 2 to 4 feet in length in the nursery row. The leaves were cordate and resembled those of Black Rock rather than those of Big Wig, and the seedling is probably a cross between these two varieties. The petioles, midribs, and veins are red and the tubers are a peculiar light red. The flesh is white, mottled with red. The original seedling plant yielded 12 tubers weighing 6 pounds 4 ounces."
 56714. "No. 7. A Big Wig seedling. This seedling is as yet untested. The very leafy vine, 3 to 4 feet long, covers the ground completely. The leaves are dark green, broadly shouldered and lanceolate. The roots are red, flesh white. Although not thoroughly tested this is not regarded as a promising seedling."
 56715. "No. 14. A Big Wig seedling. The vines in the nursery row were 2½ to 4 feet in length, numerous, green and leafy. Leaves numerous, making a dense growth

56710 to 56745—Continued.

and affording a perfect covering for the hill, broad, 3 parted, with long green petioles. The midribs and veins are green, but the tubers are red. The original seedling yielded 4 tubers weighing only 12 ounces. Flesh pale yellow, almost white."

56716. "No. 15. A Big Wig seedling. A rampant grower, vines 2 to 3 feet long, numerous, stout, chocolate colored, hairy. Leaves large, broad, pointed, very dark green, petioles long green tinged with red, 10 to 12 inches long on old growth, midribs and veins red. Tubers dark red, flesh pale yellow. Original seedling yielded 2 tubers weighing 8 ounces."
 56717. "No. 18. A Big Wig seedling. A rampant grower, the vines reaching out 8 or 10 feet on each side of the nursery row. This variety flowers profusely. Tubers red, flesh pale yellow. Not considered very promising."
 56718. "No. 19. A Big Wig seedling. Vines in nursery row 18 to 24 inches long, bearing a dense growth of finely cut leaves. Leaves deeply cut and lobed, 5 parted, midribs red, veins green to wine colored. The tubers are dark red and the flesh a golden yellow sometimes mottled with red. Original seedling plant had no tubers."
 56719. "No. 20. A Big Wig seedling. In the nursery row the stems were from 2 to 4 feet long and numerous. The leaves were numerous, dark green, with red midribs and veins. The original seedling plant yielded 6 tubers weighing 10 ounces. The tubers are a dark red with pale-yellow flesh sometimes mottled with a little red."
 56720. "No. 22. A Big Wig seedling. In the nursery row the vines were slender, 2 to 4 feet in length and moderately leafy. Leaves broad, relatively short, pointed, 3 parted, midribs and veins green. Flesh of tubers deep yellow. The original seedling plant bore 12 tubers weighing 3 pounds."
 56721. "No. 24. A Big Wig seedling. In the nursery row this vine was medium stout, 3 to 4 feet in length, leaves medium size, dull green, 3 and 5 parted (usually 3 parted). The tubers are light red, irregular in form, and show a tendency to burst and split badly. The variety shows a tendency also to produce tubers at the joints where they root, even at a distance from the hill. The original seedling plant produced 33 tubers weighing 13 pounds 8 ounces and was the heaviest producing hill among all the original plants. The flesh is pale yellow."
 56722. "No. 26. A Big Wig seedling. In the nursery row this seedling shows short vine growth with rather sparse foliage. The stems are short and stout, attaining a maximum length of 2 to 3 feet. The leaves are lanceolate with a wine-colored midrib. The tubers are dark red and grow at the ends of fleshy roots that are 12 to 18 inches long; flesh white. The tubers are traversed by a number of pronounced ribs or veins. The original seedling yielded 4 pounds of tubers under very adverse conditions."
 56723. "No. 28. A Big Wig seedling. Stems rather slender, 2 to 3 feet in length, green and leafy. Leaves broad, 3 parted, midrib wine colored. Tubers long, white, smooth, and hanging on roots in a cluster around the main stem, flesh creamy yellow. The original seedling plant produced 13 tubers weighing a total of 3 pounds 4 ounces."
 56724. "No. 29. A Big Wig seedling. Stems short, stout, leafy, covering the ridge well, but not having sufficient length to completely cover the full area between rows. Leaves large, broad, 5 parted, midribs and