

**6163. SPIROSTACHIS OCCIDENTALIS.**

From Byron, Cal. Received through Prof. J. Burt Davy, April 1, 1901.

**6164. CANNABIS INDICA.****Hemp.**

From Calcutta, India. Received through Prof. D. Prain, superintendent of the Sibpur Botanical Garden, April, 1901.

Hasheesh, the well-known opiate, is extracted from the resin of this plant.

**6165 to 6168. BETA VULGARIS.****Chard.**

From San Giovannia a Teduccio, Italy. Received through Dammann & Co., April 1, 1901.

**6165.***Chilean scarlet-ribbed.***6167.***Chilean yellow-ribbed.***6166.***Silver-ribbed (yellowish white).***6168.***Silver-ribbed, curled.***6169. RAPHANUS SATIVUS.****Radish.**

From Acneta, Cal. Received March 25, 1901. Seed grown from No. 1237, Inventory No. 2.

**6170. CITRULLUS VULGARIS.****Watermelon.**

From Forestburg, S. Dak. Received through Mr. H. C. Warner, March 19, 1901. Seed grown from No. 61, Inventory No. 1.

"This was the best in quality of 80 varieties in two different seasons. Medium size, oblong, light and dark-green striped, sometimes all light. Flesh dark red, sweet, very rich, early." (*Warner.*)

**6171. CITRULLUS VULGARIS.****Watermelon.**

From Forestburg, S. Dak. Received through Mr. H. C. Warner, March 19, 1901. Seed grown from No. 105, Inventory No. 1.

"Medium size, round, light and dark-green striped, flesh red, sweet; productive, early." (*Warner.*)

**6172. ZEA MAYS.****Corn.**

From Summerville, S. C. Received through Mr. H. A. Jamison, March, 1901. Egyptian. Seed grown from No. 3998, Inventory No. 8.

**6173. IPOMOEA BATATAS.****Sweet potato.**

From Manatee, Fla. Received through Mr. A. J. Pettigrew, March, 1901.

**6174. AVENA SATIVA.****Oat.**

From Mustiala, Finland. Received through Messrs. Lathrop and Fairchild (No. 425), April 3, 1901.

*North Finnish Black.* "Dr. Gösta Grotenfelt, director of the Agricultural Institute of Mustiala, has grown this *Black* oat from seed imported from Tornea, Paavola, and Umea (this latter in Sweden). He finds the seed from Tornea and Umea very similar, but the Paavola variety is somewhat browner, not black and gray in color like the other two sorts. He has also compared the *North Finnish Black* with Canadian oats, which he got through the seed-breeding institute of Svalöf, Sweden. The comparison is as follows: *Canada* took one hundred and thirteen days to ripen, while the *North Finnish Black* took only ninety-eight days. The latter is the average for four years (1892-1895). In comparison with all sorts of foreign-grown varieties the figures for the four years stand as 98.9: 111.8 days for ripening period. Dr. Grotenfelt says that the yield is small. For 1895, 42.4 kilos of dried straw and grain (air dried) per *are*. The foreign sorts yielded in the same year 49.1 kilos per *are*. The