

in the tropics, but much more enduring in semi-tropical districts. It supplies very fertile seeds. 26059 and 26060 are seedlings raised at Hambleton, Queensland from Mohona seed, are both sweet and have given fair crops when tried, so far on small areas only; both are rather thin. 26061. Couve 87. This is a thick, purple, Mauritius seedling giving a heavy crop, which is somewhat discounted by shortcomings as regards quality. Seed from this variety is more fertile than that from any other known to us." (Knox.) For distribution later.

SACCHARUM OFFICINARUM. 26196. Sugar cane from Honolulu. Presented by Mr. Harold L. Lyon, Experiment Station of the Hawaiian Sugar Planters' Association. Received Nov. 2. Lahina. "This cane has proved itself to be the best money maker that Hawaii ever saw. Under irrigation it is a splendid cane if conditions are suitable. Unfortunately it is a cane that is very subject to disease. In those parts of Hawaii where it can be used, namely those parts where the sky is nearly cloudless the year around and the rainfall very slight, it still does better than any other cane. If any attempt to introduce this cane to other places from Hawaii is made, great care should be exercised to secure cuttings free from disease." (N. A. Cobb.) For distribution later.

SECALE. 26045-046. 26100-102. Five varieties of rye grown on the Department's Co-operative grain investigation farms at Modesto and Davis, California. Received Sept. 27 and Oct. 6, 1909. For immediate distribution.

SOLANUM. 26122. From Castle Kennedy, Scotland. Presented by Rev. J. Aikman Paton, Souleseat. Received Oct. 19. "Tubers of *Solanum etuberosum* (so-called; I think it is a wild hybrid of *S. tuberosum* simply) which I used as the parent of my 'Immune' strain. A certain proportion of 'selfed' seedlings of it and its hybrids are immune to *Phytophthora infestans* even here." (Paton.) For distribution later.

SOLANUM TUBEROSUM. 26126-129. Four varieties of potato from Bogota, Colombia. Presented by Mr. Eugene Betts. Received Oct. 18. All from high altitudes. For distribution later.