

48103 to 48144—Continued.

48103 to 48114. AVENA SATIVA L. Poaceæ.

Oats.

48103. *Bonanza*. "A midseason white oat grown to some extent in the northern United States." (C. W. Warburton.)

48104. *Clydesdale*. "An old Scotch variety grown to some extent in the northern United States." (C. W. Warburton.)

48105. *Danish Island*. "A midseason white oat grown to some extent in the United States." (C. W. Warburton.)

48106. *Dun*. "An English winter oat similar to the *Winter turf* of the United States." (C. W. Warburton.)

48107. *Gold Queen*. "Obtained by the Department of Agriculture, Victoria, from Mr. J. W. Broatch, Moose Jaw, Saskatchewan." (Richardson.)

48108. *Norway King*. "Obtained by the Department of Agriculture, Victoria, from Mr. J. W. Broatch, Moose Jaw, Saskatchewan." (Richardson.)

48109. **Ruakura*. "A rust-resistant oat developed from a single plant of *Argentine* oats selected by Primrose McConnell, of the Ruakura Experiment Farm, New Zealand, in 1908. This variety appears to be resistant to both stem and crown rust in the United States, but experiments here indicate that it has little commercial value. It is of probable interest to plant breeders." (C. W. Warburton.)

"It has never been claimed that the new oat is apparently rustproof. What can be claimed is that it is the most resistant to disease of all the varieties tested at Ruakura." (*Journal of Agriculture, New Zealand, vol. 6, p. 133.*)

"This oat was imported from New Zealand, having originated as a variation in a crop of *Argentine* oats at the Ruakura Experiment Farm, in the Dominion. It is claimed that it is rust resistant and a wonderful yielder. It has not been tried sufficiently long in this State to allow of any further comment, except that when sown beside *Algerian*, on the south coast this season, it promised particularly well and compared more than favorably with that variety from a green-fodder point of view." (*Agricultural Gazette, New South Wales, vol. 25, p. 1018.*)

48110. *Sunrise*. "This is a very early oat, ripening quite a week before *Algerian*. The straw is a foot taller than that variety and liable to lodge in some seasons, though of much the same stoutness as *Algerian*. It stools rather sparsely, and the grain is fairly long, grayish white, plump, with a thin husk. *Sunrise* is recommended only for the warmer districts and should not be sown so early as *Algerian*. It occupies a similar place among oats to *Firbank* among wheats. It is a natural crossbreed from *Algerian* oats. Among the oats recommended for further trial at the Experiment Farms." (*Agricultural Gazette, New South Wales, vol. 25, pt. 3, p. 236.*)

48111. *Swedish*. "Presumably the well-known midseason white oat, *Swedish Select*." (C. W. Warburton.)

"Forwarded from the Panama Exposition, San Francisco, to the Department of Agriculture, Victoria." (Richardson.)