

22961. PHALARIS COERULESCENS Desf.

From Bathurst, New South Wales, Australia. Presented by Mr. R. W. Peacock, manager, Experimental Farm, through Mr. C. V. Piper. Received June 13, 1908.

"This new fodder plant has been tried by Mr. J. Furphy, of Hill End, in the Moe District, West Gippsland, who says it supplies what has long been wanted—a winter feed for stock, as it resists the frosts and keeps growing right through the winter months. Mr. Furphy states that he obtained a few plants and transplanted them at the end of April of last year, putting them out in drills 3 feet apart and 2 feet in the drills. By the end of June they had made a growth of 2 feet, sending out shoots until, by the end of the season, as many as 167 stems had been produced by one plant, the highest averaging 7 feet, while some of the stronger stems obtained a height of 8½ feet, the clumps measuring 2 feet across. Although it was a severe winter, not a yellow leaf could be seen, and the growth was continuous, with nice, succulent blades up to the flowering stems. The roots are fibrous, the foliage very dense, and color a bright green in the middle of winter. It seems to succeed in the colder districts where other plants do not thrive. Autumn planting is recommended, and Mr. Furphy favors giving the plants plenty of room. His plot yielded at the rate of 60 bushels of seed and 8 tons of hay to the acre. He cut the crop at the end of January, this year, and in 45 days it had grown a second crop nearly 3 feet high, the weather meantime being very dry. As to the milk-producing qualities of the grass, judging by its succulent quality and the abundance of the crop, Mr. Furphy is convinced that it will prove a most valuable fodder for the dairy herd." (*Journ. Dept. Agric. Western Australia*, vol. 15, p. 652. 1907.)

22962. MEDICAGO SATIVA L.**Alfalfa.**

From about 50 miles south of Lan Chow, Kansu, China. Presented by Rev. David Ekvall, Tehtao, Kansu, China, through Mrs. Edward Q. Knight, Takoma Park, D. C. Received June 16, 1908.

"The natives say this seed must be sown with something else to grow well." (*Ekvall*.)

22963 to 22968.

From Argentina, South America. Presented by Señor Mario Estrada, Division of Agriculture, Buenos Aires. Received June 10, 1908.

22963 to 22965. From province of Buenos Aires.

22963. ERAGROSTIS sp.

22965. RUMEX CRISPUS L.

22964. ERAGROSTIS sp.

22966. ANDROPOGON SACCHAROIDES Sw.

From province of Santa Fé.

22967. BRIZA sp.

From province of Santa Fé.

22968. PANICUM BERGI Arech.

From province of Buenos Aires.

22969. GLADIOLUS SALMONEUS Baker.**Gladiolus.**

From Merea, Durban, Natal. Presented by Dr. J. Medley Wood, director, Natal Botanic Gardens. Received June 18, 1908.

"Corms of a handsome but not very common species." (*Wood*.)