Prianishnikov emphasizes the enormous deficiencies of nitrogen which Russia suffers because of a lack of chemical fertilizers and inadequate cultivation of legumes.

The author sees the practical solution of the nitrogen problem in the combination of both technical and biological means of soil enrichment. He outlines a detailed plan for an enormous production of synthetic nitrogen fertilizers in Russia, utilizing her water power and coal deposits, particularly those of Siberia. In regions where coal is available, he favors the production of cyanamid which, in Russian trials, has proved to be the best fertilizer for repeated applications on podzolic soils.

The book illustrates the unusually broad scope of the writer’s knowledge, including chemistry, microbiology, soil science, and agronomy. The volume contains a wealth of information and is invaluable to anyone interested in the various aspects of the nitrogen problem.

The publication of the monograph coincides with the eightieth birthday of the author.—S. A. WILDE, University of Wisconsin, Madison, Wis.

EL AZUCAR EN MEXICO

By J. C. Ramírez. Published privately by the Unión de Productores de Caña de Azúcar de la República México. 373 pages, illus. 1946.

Paper bound in the fashion of most Latin American publications, this attractive volume presents in detail the background of the annual Mexican production of four million tons of sugarcane, largely used for home consumption and an important phase of Mexican industry. The beginnings were in the 18th Century, although production did not reach a million tons before 1890. The historical, practical, and industrial development of the sugar industry is described with special reference to legislation, conservation, education, industrial organization, and possibilities for the future. Chapters are contributed by A. Sáenz on “La Industria Azucarera Nacional”, by J. Blumenkron on “Problemas actuales de la Industria Azucarer”, and by E. Sánchez on “Proyecto de Ley para la creación de la Dirección Técnica de la Industria Azucarera”.—A. A. BEETLE, University of Wyoming, Laramie, Wyo.

THE PRODUCTION OF TOBACCO


This volume “represents an effort to supply the rather obvious need of a text affording a concise, reasonably comprehensive survey of the essential features of tobacco production and its problems, including interrelations of other phases of the industry. It is written for the use of students in the agricultural colleges and universities, and for agricultural workers and planners who require a broad background of information on the fundamentals of tobacco production.”

The book is divided into two parts. Part I deals with botanical relations and gives an historical background of the tobacco industry. Part II deals with all phases of the growing, curing, and marketing