

## ADDITIONS TO THE LIBRARY, APRIL 1936

### A. Books.

1. Remedy of Unknown Losses and Practical Hints on Sugar Manufacture. *Takwar, O. P.* (1933).
2. Tricks in Pan Boiling. *Takwar, O. P.* (1934).
3. Cultivated Crop Plants of the British Empire and the Anglo-Egyptian Sudan—(Botanical Aspect). *Sampson, H. C.* (1936).
4. Intermediate Botany. *Brimble, L. J. E.* (1936).
5. Botany as an Experimental Science in Laboratory and Garden. *Clarke, L. J.* (1935).
6. Food Value of Vegetables. *Vieyra, B. A.* (1933).
7. Studies in the Land Economics of Bengal. *Sachin Sen.* (1935).
8. Economic Planning in Soviet Russia. *Brutzkus, B.* (1935).
9. Studies of Laboratory Methods of Teaching Qualitative Aspects in the Improvement of Science Teaching. *Leighton, R. W. & Seashore, R. H.* (1935).
10. Physical and Chemical Studies on Sugarcane Jaggery and Its Manufacture—(Tesis). *Varahalu, T.* (1935).
11. Life and Experience of a Bengali Chemist, Vol. 2. *Ray, P. C.* (1935).
12. Inland Waterways in the Madras Presidency. *Narasimha Iyengar, R.* (1935).

### B. Annual Reports and Publications.

1. Annual Report of the Department of Horticulture, Mysore State for the Year 1933-34.
2. United Provinces of Agra and Oudh Report on the Administration of the Department of Agriculture for the Year Ending 30th June, 1935.
3. Indian Central Cotton Committee Technological Laboratory Technological Reports on Trade Varieties of Indian Cottons, 1935.
4. Report on Public Instruction in the Madras Presidency for the Year 1934-35.
5. The National Institute of Agricultural Botany Sixteenth Report and Accounts, 1934-35.
6. University of Reading National Institute for Research in Dairying Annual Report, 1934.
7. Uganda Protectorate Annual Report of the Department of Agriculture for the Year Ended 31st December, 1934.
8. Ontario Department of Agriculture Fifty-seventh Annual Report of the Agri. & Exptl. Union, 1935.
9. United States Dept. of Agriculture Report on the Agri. Experiment Stations, 1934.
10. Fifty-fifth Annual Report of the New Jersey State Agricultural Experiment Station and the Forty-seventh Annual Report of the New Jersey Agri. College Experiment Station for the year Ending June 30, 1934.

### C. Special Publications.

11. How to Photograph Flowers and Gardens by J. A. Williams.
12. Simple Photographic Experiments. *Model Engineer Series 21.*
13. Laws and Rules Governing the Inspection and Weighing of Grain. *Kansas State Grain Ins. & Weigh. Dept. Pub.*
14. Digest of Annual Reports of State Boards for Vocational Education to the Office of Education Division of Vocational Education—June 30, 1934. *U. S. Dept. of the Int. Pub.*
15. Farm Repair and Construction Work. *Minnesota Col. of Edu. Bull.*
16. Principles Underlying a Course of Farm Shop Work in Vocational Agriculture. *Tennessee Agri. Dept. Bull. 2.*

### D. Bulletins, Memoirs, Etc.

17. The Chromosome Numbers of Several Species.
18. Crossing Experiments in Certain Cereals with Special Reference to Different Compatibility Between the Reciprocal Crosses.
19. The Genetics and Cytology of Certain Cereals. *Kyoto Imp. Uni. Agri. Col. Mem. Nos. 25, 27, 32.*
20. Reorganizing the Individual Farm Business. *U. S. Dept. of Int. Mon. 18.*
21. Vocation Education and Changing Conditions. *U. S. Dept. of Int. Bull. 174.*
22. Apprenticeship in England, France, and Germany. *U. S. Dept. Trade & Ind. Series 52.*
23. Vocational Agriculture in Relation to Economic and Social Adjustments.
24. Teaching Farm Credit.
25. Summaries of Studies in Agricultural Education.
26. The



Conference Procedure in Teaching Vocational Agriculture. *U. S. Dept. Agri. Ser. Nos. 45, 46, 47, 38.* 27. Seasonal Variations in Carrying Capacity of Pastures for Dairy Cows in Milk. 28. Marketing Apples. 29. Organization and Management of Apiaries Producing Extracted Honey in the White Clover Region. 30. Cotton Bollweevil Survival and Emergence in Hibernation Cages in Louisiana. 31. The Chemical and Physical Properties of Dry-land Soils and of Their Colloids. 32. Refrigeration of Oranges in Transit from California. *U. S. Agri. Dept. Tech. Bull. Nos. 465, 474, 481, 486, 502, 505.* 33. Modernizing Farmhouses. 34. Roff Coverings for Farm Buildings and Their Repair. 35. Livestock for Small Farms. *U. S. Agri. Dept. Farm Bull. Nos. 1749, 1751, 1753.* 36. The Influence of Soil Reaction (pH) on the Yield and Feeding Value of Hay. 37. Poultry Mortality from a Business Viewpoint. 38. The Relation Between the Vitamin A Content of the Dairy Ration and of Milk. 39. Broad Relationships Between Microorganisms and Soil Fertility. *New Jersey A. E. S. Bull. Nos. 586, 591, 592, 595.* 40. Lime--For Soil Improvement. *New Jersey A. E. S. Extn. Bull. 146.* 41. The Economic Value of Improved Cotton Seed. *Mississippi Agri. Exp. Stn. Bull. 307.* 42. How Farmers Adjust When Prices Fall. *Wisconsin A. E. S. Bull. 431.* 43. Stock-Poisoning Plants of California. 44. Flavors of Milk and Their Control. *California A. E. S. Bull. Nos. 593, 595.* 45. Tobacco Culture in Connecticut. *Connecticut A. E. S. Bull. 361.* 46. St. Louis Milk Problems with Suggested Solutions. *Illinois A. E. S. Bull. 412.* 47. Beans. *Eng. Min. of Agri. & Fish. Bull. 87.* 48. Studies of Certain Soil Profiles of the South Coast of N. S. Wales. *N. S. Wales Agri. Dep. Sci. Bull. 50.* 49. Mechanical and Animal Draught Power on Grain Farms. 50. Forests in Relation to Climate, Water Conservation and Erosion. *U. S. Africa Agri. Dep. & For. Bull. Nos. 152, 159.* 51. Sugar Cane Breeding in Egypt--A Progress Report. *Egypt Min. of Agri. Tech. & Sci. Ser. Bull. 161.*

#### E. Circulars, Leaflets Etc.

52. The Valuation of Artificial Manures. 53. The Culture of Green Peas and Beans. *Eng. Min. of Agri. & Fish. Ad. Leaf. Nos. 146, 152.* 54. A Report on a Survey of Weed Problems in Australia. *Com. Australia C. S. & I. R. Pamph. 60.* 55. National Standards for Farm Products. 56. Economic Importance of Red Rot and Comparative Fungibility of Some Sugarcane Varieties in the Southern United States. 57. A Device for Separating Different Lengths of Fibers From Seed Cotton. 58. Removing Smut Balls From Seed Wheat. 59. Studies of Ripening of Sugarcane in Louisiana and of Effect of Topping Upon Yields of Cane and Sugar Per Acre. *U. S. Agri. Dep. Cir. Nos. 8, 350, 360, 361, 368.* 60. Measuring Soil Fertility. 61. Vertical Drainage. 62. Rules and Requirements for the Production of Certified Seed of Approved Field Crop Varieties. 63. Pasture Management for High Quality Feed at Low Cost. *New Jersey A. E. S. Cir. Nos. 335, 336, 337, 351.* 64. Trapping Experiments for the Control of the Cigarette Beetle. *U. S. Agri. Dep. Cir. 356.*

#### F. Translations of Scientific Articles filed in the Library.

65. The Method of Choosing Initial Material in Breeding by I. A. Kostjugenko. (1934). 66. The Morphology of the Chromosomes by G. A. Lewitsky. (1931). 67. A Contribution to the Methodics of Breeding for Quality in Oil Seeds by A. I. Ermakov. (1934). 68. Scientific Fruit Culture in the U. S. S. R. by N. V. Kovalav. (1934).

#### G. New Periodicals.

1. Annual Survey of American Chemistry. 2. Hoard's Dairyman.



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