

ADDITIONS TO THE LIBRARY

JANUARY 1936.

A. Books.

1. Transactions of the Third International Congress of Soil Science—Vols. 1 and 2.
2. Bibliography of Soil Science, Fertilizers and General Agronomy. (Eng. Imp. Bur. Soil. Sci. Pub.).
3. Colloids in Agriculture. *Marshall, C. E.*
4. Shellac. *Parry, E. J.*
5. Elements of Plant Biology—2nd Edn. Revd. *Tansley, A. G. & James, W. O.*
6. Biology of Flowers. *James, W. O. & Clampham, A. R.*
7. Principles of Insect Morphology. *Snodgrass, R. E.*
8. An Abstract of the Legislation in force in the British Empire Dealing with Plant Pests and Diseases up to the Year 1920. *Ralfs, E. M.*
9. Brewing and Malting. *Ross-Mackenzie, J.*
10. The Agricultural Marketing Acts and Schemes (in England). *Mustos, N. E.*
11. Considerations on the Present Evolution of Agricultural Protectionism.
12. World Production and Prices, 1925-34. *League of Nations Economic Committee Pub.*
13. German-English Dictionary for Chemists—2nd Edition.
14. French-English Dictionary for Chemists. *Patterson, A. M.*

B. Reports.

1. Punjab Irrigation Research Institute Annual Report for 1934-35.
2. Nagpur Agricultural College and Research Institute Annual Report for 1934-35.
3. Ontario Agricultural Department—Ministers' Report for 1933-34.
4. Ontario Entomological Society Annual Report for 1934.
5. California Agricultural Experiment Station Annual Report for 1932-34.
6. Wisconsin Agricultural Department Extension Service Annual Report for 1934.

C. Special Publications.

7. Madras Presidency—Season and Crop Report, 1934-35.
8. Selected References on the History of Agriculture in the United States. *U. S. Agri. Dept. Bib. Con. No. 26.*
9. Selected References on the History of English Agriculture. *U. S. Agri. Dept. Bib. Con. No. 24.*
10. Development of Farm Machinery—Bibliography. *U. S. A. Bur. Agri. Eng. Imp. Ser. 14.*
11. The Story of Rice. *McLean (B. B.) Ed.*
12. The Sudan in 1935—(British Cotton Growing Assocn. Pub.). *Humbury, W. H.*
13. Development of Standards for Grades of Cotton Seed.
14. Comparative Advantages of Jute and Cotton Baggings for American Cotton Bales. *U. S. Agri. Dept. Bur. Econ. Cotton Mark. Pub.*
15. Citrus Experiments at St. Augustine Expt. Stn. 1933-34. *Trinidad & Tobago Agri. Dept. Pub.*
16. Pasture Developments in Australia. *Gillespie, J. L.*
17. Proceedings of the Eleventh Annual Convention of the National Fertilizer Association.
18. Commercial Egg Farming (In England) 1931-34.
19. Rates of Food Consumption by 71 families of Tenant Cultivators in the Khanewal, Tahsil, Multan Districts. *Punjab Bd. Econ. Inq. Pub. 29.*
20. The Locust Outbreaks in China During 1934. *China Nat. Agri. Res. Bur. Spe. Pub. 10.*
21. Tin and Its Uses.
22. Tin and Civilisation. *In. Tin. Res. Coun. Pub. Nos. 4, 5.*
23. Wood Preservation—Bibliography. *U. S. A. Forest Dept. Pub.*

D. Bulletins, Memoirs Etc.

24. Organic Manures by Jenkins (S. H.). *Imp. Bur. of Soil. Sci. Tech. Com. No. 33.*
25. Alfalfa Experiments at Stoneville.
26. Reducing Decay in Citrus Fruits with Borax.
27. Effects of Particle Size on the Properties and Efficiency of Fertilizers. *U. S. Agri. Dep. Tech. Bull. Nos. 495, 488, 485.*
28. Summer Crops for Green Manure and Soil Improvement. *U. S. Agri. Dep. Farm. Bull. 1750.*
29. The Tobacco and Solanum Weevils of the Genus *Trichobaris*. *U. S. Agri. Dep. Misc. Pub. 226.*
30. Aiding West Virginia Agriculture Through Research. *West Virginia A. E. S., Bull. No. 263, 1934.*
31. Certain Rarer Elements in Soils and

Fertilisers, and their Role in Plant Growth. 32. A Summary of Linkage Studies in Maize. *Cornell Agri. Exp. Stn., Memoir Nos. 174, 180, 1935.* 33. The Effect of Fertilisers on the Longevity of Mowings. *Massachusetts Agri. Exp. Stn. Bull. No. 322, 1935.* 34. The Economic Relation of Tractors to Farm Organisation in the Grain Farming Areas of Eastern Washington. 35. Farm Irrigation Pumping Systems. 36. Pasture Irrigation. *Washington Agri. Exp. Stn., Bull. Nos. 310, 311, 313, 1935.* 37. Date Growing in Arizona. *Arizona Agri. Exp. Stn., Bull. No. 149, 1935.* 38. The Composition of Media for the Bacteriological Analysis of Milk. *New York State Agri. Exp. Stn. Tech. Bull. 228, 1935.* 39. Studies in Metabolism during Pregnancy. *Oklahoma Agri. Exp. Stn. Bull. No. 223, 1935.* 40. Relation of Virus Diseases to Potato Production in California. *California Agri. Exp. Stn., Bull. No. 587, 1935.* 41. The Universal Soil Testing System. *Connecticut Agri. Exp. Stn., Bull. No. 372, 1935.* 42. Cost of Production in Agriculture. *Iowa Agri. Exp. Stn., Res. Bull. No. 184, 1935.* 43. Choosing Legumes and Perennial Grasses. 44. Economic Phases of Erosion Control in Southern Iowa and Northern Missouri. *Iowa Agri. Exp. Stn., Bull. Nos. 331, 333, 1935.* 45. Comparison of Methods for Estimating available Phosphorus in Alkaline Calcareous Soils. 46. The Use of Electrodialysis for Estimating Phosphate Availability in Calcareous Soils. *Colorado Agri. Exp. Stn., Tech. Bull. Nos. 2, 1933 & 12, 1935.* 47. Growth and Development with Special Reference to Domestic Animals—XXXV. Energetic Efficiency of Milk Production and the Influence of Body Weight Thereon. 48. Growth and Development with Special Reference to Domestic Animals—XXXVI. Endogenous Nitrogen and Basal Energy Relationships during Growth. 49. A Drawbar Dynamometer and Its Use in Soil Tillage Experiments. *Missouri Agri. Exp. Stn., Res. Bull. Nos. 222, 223, 226, 1935.* 50. Registration, Labeling, and Inspection of Commercial Fertilisers, 1934. 51. Soil Erosion in Missouri. 52. The Cooling of Eggs. 53. Evaluating the Efficiency of Dairy Cattle. *Missouri Agri. Exp. Stn. Bull. Nos. 348, 349, 350, 351, 1935.* 54. Comparative Histology of Healthy and Peorosis—Affected Tissues of Citrus Sinensis: The Effects of Zinc and Iron Salts on the Cell Structure of Mottled Orange Leaves. 55. Copper Content of Citrus Leaves and Fruit in Relation to Exanthema and Fumigation Injury. Physiological Gradients in Citrus Fruits. 56. Relation of Temperature to Infection of Bean and Cowpea Seedlings by *Rhizoctonia Bataticola*: The Olive Knot Disease; Its Inception, Development and Control. *Hilgardia, Vol. 9, Nos. 2, 3, 4, 1935.*

E. Leaflets, Circulars Etc.

57. Stocks of Indian Raw Cotton held in India by the Mills and the Trade on 31st August 1935. 58. Receipts at Mills in India of Raw Cotton Classified by Varieties, 1934-35. 59. Exports by Sea of Indian Raw Cotton Classified by Varieties, 1934-35. *I. C. C. C. Statistical Leaflet Nos. 2, 3, 4, 1935.* 60. Ropy Milk. *Eng. Min. Agri. & Fish. Adv. Leaf. No. 258.* 61. The Breeding, Feeding and Management of Cattle. *Cyprus Agri. Dept. Leaf. No. 2, 1935.* 62. Studies of Ripening of Sugarcane in Louisiana and of Effect of Topping Upon Yields of Cane and Sugar Per Acre. *U. S. Agri. Dept. Cir. No. 368, 1935.* 63. Eliminating Bats from Buildings. *U. S. Agri. Dept. Leaf. No. 109, 1935.* 64. The Interpretation of Soil Tests. *Connecticut A. E. S., Cir. No. 95.* 65. An All-Year Pasture System for Missouri. *Missouri Agri. Exp. Stn. Cir. No. 186.* 66. Pruning Vinifera Grapevines. *California Agri. Exp. Stn. Cir. No. 89.*

FEBRUARY 1936.

A. Books.

1. The Oil Palm in Malaya. *Bunting, B., Etc. (1934).* 2. The Agricultural Marketing Acts and Schemes (in England). *Mustoe, N. E. (1935).* 3. Dictionary of the World's Commercial Products. *Vanstone, J. H. (1930).* 4. Machine Design. *Bradford, L. J. & Eaton, P. B. (1934).* 5. Fitting Farm Tools. *Roehl, L. M. (1930).*

6. Farm Buildings. *Gunn, E.* (1935). 7. The XV International Physiological Congress—Leningrad (Animal Husbandry). (1935). 8. Cereal Laboratory Methods—3rd Edn. Rvd. *Mangels, C. E.* (1935).

B. Reports.

1. India in 1933-34. 2. Annual Report of the Imperial Council of Agricultural Research for the Year 1934-35. 3. Summary Proceedings of the Thirty-first Meeting of the Indian Central Cotton Committee, Bombay, held on the 19th and 20th August 1935. 4. Annual Reports on Experimental Farms, Nagpur, Akola, Adhartal, Chindwara, Powarkhera and Raipur for the year ending 31st March 1935. 5. Report on Demonstration Work Carried out in the Eastern Circle Together with Reports on the Seed and Demonstration and Cattle-breeding Farms of the Circle for the year ending the 31st March 1935. 6. Report on Demonstration Work Carried out in the Western Circle Together with Reports on the Seed & Demonstration & Cattle-breeding Farms of the Circle for the year ending the 31st March 1935. 7. Report on Demonstration Work Carried out in the Northern Circle Together with Reports on the Seed and Demonstration and Cattle-breeding Farms of the Circle for the year ending the 31st March 1935. 8. Burma Agricultural Department Report of the Agricultural Stations for the year ended the 31st March 1935. 9. Annual Report of the Department of Agriculture, Assam for the year 1934-35. 10. Season and Crop Report of the Central Provinces and Berar for the year ending the 31st May 1935. 11. Report on the Season and Crops of the Punjab for the Agricultural year ending 30th June 1935. 12. Department of Agriculture, Straits Settlements and Federated Malay States Reports of the Field Branch for the Year 1934. 13. Report of the British Association for the Advancement of Science 1935. 14. Lancashire Indian Cotton Committee Second Annual Report 1935. 15. Dominion of Canada Agricultural Department Progress Report of the Dominion Botanist for the Years 1931 to 1934 inclusive. 16. British Guiana Divisional Reports of the Department of Agriculture, for the Year 1934. 17. Colony and Protectorate of Nigeria Report on the Agricultural Department for the Year 1934. 18. Gold Coast Colony Report on the Department of Agriculture for the Year 1931-35. 19. Annual Report of the Queensland Department of Agriculture and Stock for the Year 1934-35. 20. Alaska Agricultural College and School of Mines Agricultural Experiment Station College, Alaska 1933—Progress Report January—December. 21. Imperial Agricultural Bureaux Executive Council List of Agricultural Research Workers in the British Empire 1935. 22. Malayan Agricultural Statistics 1934 by D. H. Grist.

C. Special Publications.

23. Vernalization and Phasic Development of Plants. *Imperial Bureaux of Plant. Gen. Pub.* (1935). 24. An Abstract of the Legislation in Force in the British Empire Dealing with Plant Pests and Diseases up to the year 1920. *Ralfs, E. M.* (1921). 25. Economics of Planning—Principles and Practice. *Burrows, H. R. & Horsefield, J. K.* (1935). 26. Bibliography of Tropical Agriculture, 1934. *Inter. Inst. of Agri. Pub.* (1935). 27. Year Book of Agriculture, 1935 (U. S. A.). (1935). 28. The Use of Statistical Techniques in Certain Problems of Market Research. (Harvard University Grad. School of Busi. Admin. Pub. Vol. XXII, No. 3.) *Brown, T. H.* (1935). 29. Varieties of Soybeans in Georgia. *Marveeff, G. N.* (1934). 30. Addresses Delivered at the Twenty-fourth Annual Convention of the Texas Cotton Association Corpus Christi, Texas, March 22nd—23rd, 1935. 31. Co-operative Credit for Agriculture. *Myers, W. I.* (1935).

D. Bulletins, Memoirs Etc.

32. Sugarcane Borer Control in the Mysore State. *Mysore State Agri. Dept. Pub.* 33. Intensive Systems of Apple Production. 34. Herbs. *England Min. of*

Agri. & Fish. Bull. Nos. 49, 76. 35. Factors in Field Crop Production. *Union of S. Africa Agri. Dept. Ext. Seri. 5.* 36. Citrus Wastage Investigations. *Union of S. Africa Agri. Dep. Pro. Rep. 3, Season 1934.* 37. Soil Drifting Control in the Prairie Provinces. *Dom. of Canada Agri. Dep. Bull. 179—New Ser.* 38. Bollweevil Control with Calcium Arsenate on Field Plots in Madison Parish, LA., from 1920 to 1934. 39. Soil Moisture and Irrigation Investigations in Eastern Apple Orchards. *U. S. Agri. Dep. Tech. Bull. Nos. 487, 491.* 40. Preliminary Studies of the Length and Uniformity of Staple of Louisiana Cotton Varieties. *Louisiana Agri. Exp. Stn. Bull. 259.* 41. Dry Concentrates as a Partial Substitute for Whole Milk in Calf Rations. *Cornell A. E. S. Bull. 622.* 42. Investigations in Pruning Mature Apple Trees. 43. A Critical Study of the Methods for Measuring Oxidation—Reduction Potentials of Soils, with Special Reference to Orchard Soils. 44. Soils in Relation to Fruit Growing in New York. Part VI. 45. Soils in Relation to Fruit Growing in New York. Part VII. 46. Greensprouting Seed Potatoes. 47. Effect of Temperature on Pollen Germination and Tube Growth in the Tomato. *Cornell Agri. Exp. Stn. Bull. Nos. 624, 625, 626, 627, 632, Mem. 175.* 48. Avian Tuberculosis Collected Studies. 49. Growing Fruit in North Dakota. 50. The Native Fruits of North Dakota and Their Use. 51. Types of Potato Virus Diseases in North Dakota. *North Dakota Agri. Exp. Stn. Bull. Nos. 279, 280, 281, 282.* 52. Yellow Dwarf Diseases of Potatoes. *Michigan Agri. Ex. St. Spec. Bull. 260.* 53. Anatomy and Postpupal Development of the Female Reproductive System in the Apple Maggot Fly. *New York A. E. S. Tech. Bull. 229.* 54. The Influence of Machine Milking Upon Milk Production. *New York A. E. S. Bull. 654.* 55. Vegetable Variety and Strain Trials 1933-34. 56. Field Experiments with Phosphates. 57. The Mineral Requirements of Milk Production. *Pennsylvania A. E. S. Bull. Nos. 313, 315, 319.*

E. Leaflets, Circulars Etc.

58. Capons and Caponizing. *Dom. of Canada Agri. Dept. Pamph. 167—New Ser.* 59. Fumigation of Fresh Fruit to Destroy the Adult Japanese Beetle. 60. The Katahdin, Chippewa, and Golden Potatoes. *U. S. Agri. Dep. Cir. Nos. 373, 374.* 61. Livestock Feeding Under Drouth Conditions. 62. Testing Gravel for Farm Concrete Construction. 63. Maintain Health and Vitality of Chicks. *N. Dakota A. Ext. Div. Cir. Nos. 126, 129, 130.* 64. Seed Treatment. *N. Dakota Agri. Exp. Stn. Cir. 56.*