

Rainfall was in slight to moderate defect in the Circars, Coromandel coast, Kanara coast and Coorg; in large excess in west Deccan, parts of the Central districts, and Travancore and in slight to moderate excess elsewhere. Some locally heavy falls of rain were reported the chief of them being: Bellary 3.5" (18th) Anantapur 4.3" (19th), Trichinopoly 3.5" (29th) Trivandrum 4.0" (29th) and Calicut 5.4" (30th).

Temperature was generally above normal over Mysore and the Deccan for the greater part of the month.

Weather Report for the Research Institute Observatory :

Report No. 8/32.

Absolute Maximum in shade	...	...	92.8°
Absolute Minimum in shade	...	...	69.1°
Mean Maximum in shade	...	...	83.8°
Mean Minimum in shade	...	...	72.0°
Total Rainfall	...	...	2.82"
Mean rainfall for month	...	...	1.27"
Departure from normal	...	...	+ 1.55"
Number of Rainy days	...	...	8
Mean daily wind velocity	...	...	2.5 M. P. H.
Mean 8 hrs wind velocity	...	...	2.4 M. P. H.
Mean Humidity at 8 hrs	...	...	80.0%
Total hours of bright sunshine	...	...	200.7
Mean daily hours of bright sunshine	...	...	6.5

Summary of weather conditions:

The weather was unsettled for the greater part of the month in consequence of the abnormal pressure distribution over the peninsula and the Bay. Air movement was feeble as is usual during periods of weak monsoon and conditions were favourable for the formation of thunderstorms. During the second half of the month the upper air currents were from some point in the N. E. quadrant and numerous thunderstorms occurred in the vicinity of the Observatory, though they were of small magnitude and extent.

Pressure fluctuations were irregular, and the day and night temperatures were generally high. The rainfall totalled 2.82 inches and was 1.55 inches in excess of the normal. The skies were mostly heavily clouded and humidity high.

P. V. R. & T. S. L.

Departmental Notifications.

I Circle. V. Tirumala Rao, Asst. Anakapalle permitted to avail a month's leave already granted to him from 18-8-1932. M. V. Kondala Row, A. A. L. Vizagapatam, l. a. p. on M. C. for 3 months in continuation of leave already granted. **II Circle.** S. Sithapathi Rao, A. A. D. Nellore extension of l. a. p. for 10 days from 25-8-32. M. V. Narasimha Sastri A. A. D. extension of l. a. p. for 15 days in continuation of leave already granted. M. P. Narasimha Rao, A. D. Kaikalur, l. a. p. for 10 days from date of availing. **III Circle.** N. Kesava Iyengar, Cotton Asst. Hagari, extension of l. a. p. on M. C. for one month from 7-8-32. **IV Circle.** K. B. Vydeswara Iyer, F. M. Palur, extension of l. a. p. on M. C. for 3 months from 8-8-32. M. A. Balakrishna Ayyar, A. D. Wallajah, l. a. p. for one month

from 1—9—32. C. S. Krishnaswamy Iyer, F. M. Palur, 1. a. p. for one month from 26—8—32. S. Rama Rao, A. D. Chittoor, 1. a. p. for one month from 25—8—32. **V Circle.** T. G. Muthuswamy Iyer, A. D. Tiruturaipundi extension of 1. a. p. on M. C. for 2 months from 18—8—32. **VI Circle.** Anantapadmanaba Pillai, A. D. posted to Tirupathoor, Ramnad district. L. Sankarakumar Pillai, A. D. Tinnevelly, 1. a. p. for 2 months and 29 days and half average pay for 5 months and one day from 7—9—32. A. M. Muthia Nattar, A. D. Dindigul 1. a. p. for 15 days from 2—9—32. **VII Circle.** E. K. Govindan Nambiar, A. D. Tellicherry, 1. a. p. for 10 days from 10—8—32. K. Govindan Nambiar, A. D. Badagara, 1. a. p. for 20 days from 22—8—32. **D. D. L. S. H. Narahari Rao, F. M.** 1. a. p. for 2 months from 3—8—32. **Millet Section.** V. Gomathinayagam Pillai, Asstt. 1. a. p. for one month from 22—8—32. **D. A's Office orders:** P. A. Raghunathaswami Ayyangar, Chemistry Asst. 1. a. p. for 14 days from 18—8—32 preparatory to retirement. Muhamad Abbas, probationer, will continue to officiate in the vacancy caused by P. A. Raghunathaswami Ayyangar. M. Narasimham, Asstt. in cotton transferred to the Paddy section in the post declared temporary with reference to G. O. No. 810, Public (Services) dated 5—8—32. and will continue to work at Maruter. K. Hanumantha Rao, Asst, Paddy Section, on probation declared temporary with reference to G. O. No. 810 Public (Services) dated 5—8—32 and will continue in the same section. N. K. Thomas, offg. Asst. in paddy section, holding a temporary post transferred to the Agrl. Section as F. M. C. B. S. Coimbatore. K. Veerabhadra Rao, probationer, Chemistry section to continue as offg. asst. K. L. Ramakrishna Rao, transferred to Science Section, Cotton Breeding Station, Coimbatore. M. Venkoba Rao, Offg. Cotton Asst. Hagari to continue at Hagari vice V. K. Subramania Mudaliar. M. B. Venkatanarasinga Rao and K. B. Viswanathan permanent assistants Paddy Section, will be in the grade of Rs. 120—10—170 from the respective dates of their joining duty at the Rice Research Station, Ganjam. K. Govindan Nayar, Chemistry Asst. 1. a. p. for 2 months and 16 days from date of relief. P. Kunhiraman Menon is appointed to officiate in the vacancy caused by K. Govindan Nayar. M. C. Krishnaswami Sarma A. A. D. Attur transferred to Central Farm Coimbatore, N. Narayana Ayyar, A. F. M. Central Farm, to VIII Circle, Coimbatore, P. K. Palaniswamy, Probationer, Agricultural Section completed his period of probation on 31—8—32. As he has not passed his account test, his services will be dispensed with immediately. K. T. Bhandari, A. D. III Circle to VII Circle. M. Damodhara Prabhu, F. M. Taliparamba to VIII Circle, to work under the Business Manager, Tirupur. A. Chinnathambi Pillai, Offg. A. D. A. Cuddalore, 1. a. p. from the date of his reversion to subordinate service up to and inclusive of 22—12—32 with permission to suffix the Xmas and New Year holidays.

ADDITIONS TO THE LIBRARY DURING THE MONTH OF JUNE 1932.

A. Books.

- (1) *Artificial Fertilisers*, E. J. Russell. (1931)
- (2) *Tree planting on the Farm*, R. H. Anderson. (1931)
- (3) *Fruit Packing Equipment*, W. I. Gay Brerton. (1931).
- (4) *Vegetables of the Dutch East Indies. (English Edition)* J. J. Ochse. (1931).
- (5) *Fruits and Fruit culture in the Dutch East Indies. (English Edition.)* J. J. Ochse. (1931).
- (6) *Handbook of Some South Indian Weeds*, C. Tadulingam & G. V. Narayana (1932).
- (7) *A Short course in Elementary Meteorology*, W. H. Pick (1930).
- (8) *Coleoptera—Lamellicornia Part III—Coprinae*. (The Fauna of British India Series) G. A. Arrow.
- (9) *The Indian Year Book*. (1932).
- (10) *The Asylum Press Almanac, and Directory of Madras and South India*. (1932).

B. Reports.

(1) Agricultural Statistics of Bihar and Orissa. 1930—31. (2) First Report of the Agricultural Machinery Testing Committee. *Eng. Min. Agri. & Fish. Pub.* (3) Agricultural Marketing Act 1931. *Eng. Min. Agri. & Fish. Pub.* (4) "Coffee". *Eng. Imp. Econ. Com. Report.* (5) Reports and Proceedings of Conference of Colonial Directors of Agriculture. 1931. *Eng. Colonial Office Publication.* (6) Annual Report of Alabama Agricultural Experiment Station. 1930. (7) 1931. (8) Annual Report of Massachusetts A. E. S. 1931. (9) Annual Report of Missouri A. E. S. (Progress in Agri. Research). 1930.

C. Bulletins.

(10) Insect Affecting the Cotton Plant in South India. *Mad. Agri. Dept. Bull.* 28. (11) The Pressure of Population—Its effect on Rural Economy in Gorakhpur District. Allahabad Bull 50. (12) Over-Population in Jaunpur. *Empire Marketing Board* 59. (13) Fruit Supplies in 1931. *Empire Board.* 49. (14) The Demand for Honey. *Empire Board* 50. (15) Account of the Research in Progress in the British Empire. *Imp. Bur. Plant Genetics. Pub.* (16) Interspecific and Intergeneric Hybridization in relation to Plant Breeding. *Imp. Bur. Plant Genetics. Pub.* (17) Further Contributions on the Technique Employed in the Breeding of Herbage and Forage Plants. *Imp. Bur. Plant Genetics. Pub. Bull.* 7. (18) Bibliography of Helminthology for the year 1930. *Imp. Bur. Agri. Parasitology Pub.* (19) No. 31 *Ministry of Agriculture & Fisheries Bulletins.* Studies concerning the Handling of Milk. (20) No. 32 Pig Keeping. (21) No. 35 The use of Lime in Agriculture. (22) No. 36 Manures and Manuring. (23) No. 37 Ensilage. (24) No. 42 The Feeding of Dairy Cows. *Dept. of Sc. Ind. Res. Sp. Rep.* (25) No. 20 The Problems of Apple Transport Overseas. (26) No. 26 The Storage of Eggs. (27) No. 30 Gas Storage of Fruit. (28) No. 38 Wastage in Improved Fruit, Its Nature, Extent and Prevention. (29) No. 39 The Prevention of Wastage in New Zealand Apples. *Dept. of Sc. Ind. Res. Sp. Rep.* 39. (30) The Cost of Living Index Number. Method of Compilation. *Min. Labour Pub.* (31) Economic Advisory Council Committee on the Mineral Content of Natural Pastures. *Seventh Report.* (32) Instructions to Observers at Normal Climatological Stations. *Air Ministry M. O. 191/3.* (33) Instructions to Observers at Climatological Stations & Health Resorts. *Air Ministry M. O. 191/4.* (34) Investigations on Coconuts and Coconut Products. *Dept. Agri. F. M. S. Gen. Ser. No. 8.* (35) Soy Bean in the Union. *Union of South Africa. Bull. No. 107.* (36) No. 253. *South Africa Bulletins.* Influence of the Season of Planting on the Rooting of Grape Vine cuttings. (37) No. 254. Citrus Experiments at the State Experimental Orchard, Berri. (38) No. 255. Uses of Hessian in the Home. (39) 256. Fruit Trees, Vines and Vegetables. Proved Remedies for Common Diseases. (40) No. 257. Feeding for Production. (41) No. 258. Field Experiments with Manganese Deficiency Disease of Barley. (42) No. 259. Harvest Damage of Barley. (43) No. 260. Modern Housing of Poultry. (44) No. 261. The Seeding of Permanent Pastures. *U. S. A. Technical Bulletins.* (45) 241. Analyses and Composition of California Lemon and Orange Oils. (46) No. 286. Decay and Other Losses in Douglas Fir in Western Oregon and Washington. (47) No. 291. Effect of Air Drying on the H-ion, Concentration of the Coils of the U. S. A. and Canada. (48) No. 295. Susceptibility of Barley to Leaf Rust and to Powdery Mildew. (49) 296 Feeding Punctures of Mirids and Other Plant Sucking Insects and their Effect on Cotton. (50) No. 297. Factors affecting the Price of Rice. *Miscellaneous Publications.* (51) No. 98. Market Diseases of Fruits and Vegetables. Potatoes. (52) No. 121. Market Diseases of Fruits and Vegetables. Tomatoes, Peppers, Eggplants. (53) No. 138. Refrigeration in the Handling, Processing and Storing of Milk and Milk Products. *Farmer's Bulletins.* (U. S. A.) (54) No. 167C. Hydrocyanic Acid Gas as a Fumigant for Destroying

- Household Insects. (55) No. 1689. Grape Districts and Varieties in U. S. A. (56) No. 1691. How to control Grasshoppers in cereal and Forage Crops. *Iowa Research Bulletins*. (57) No. 119. Factors influencing Egg Production. The influence of Maturity upon Egg Production in S. G. White Leghorn. (58) No. 120. The Vitamin B Content of Vegetables. (59) No. 121. The Inheritance of Germless Seeds in Maize. (60) No. 122. International Trade in Pork and Pork Products. (61) No. 123. Proteolysis by *Streptococcus Lactis* with Special Reference to Butter Cultures and Butter. (62) No. 124. Infection studies of *Diplodia Zeae* (Schw) Lev. and Control of Seedling Blights of Corn. (63) No. 125. The Biology of the Four lined Borer. (64) No. 126. The Production of Artificial Farm Manures. (65) 127. Effects of Artificial Farm Manures on Soils and Crops. (66) No. 128. Factors Influencing Egg Production. II. The influence of the Date of First Egg upon Maturity and Egg Production. (67) No. 129. Long Term Loans of Iowa Banks. (68) 130. Effect of Delayed Harvest upon yield of Grain. (69) No. 131. Acidity changes Associated with the Keeping Quality of Apples under various storage conditions. (70) No. 132. Microbiological Studies of Some Typical Iowa Soil Profiles. (71) No. 133. The Inheritance of Color and Horns in Blue Gray Cattle—II. (72) No. 135. Nitrate Assimilation in Soils. (73) No. 136. Supplements to a Milk Diet for Dairy Calf. (74) No. 138. A Gene Influencing the Composition of the Culm in Maize. (75) No. 139. The Measurement of the Degree of Saturation of Soils with Bases. (76) No. 140. Secular Movement of Corn Prices. (77) No. 141. Bacteriology of Butter. III. A Method for Studying the Contamination from churns. (78) No. 142. Genetic Test for Linkage Between Row Number Genes and certain qualitative genes in Maizes. (79) No. 143. The Biology of the borer. (80) No. 144. Chemistry of Butter and Butter making. (81) No. 145. Bacteriology of Butter. IV. Bacteriological Studies on Surface Taint Butter. (82) No. 146. Studies on the Development of Butter Cultures from Mixtures of Organisms. (83) No. 147. Methods of Determining Carbon Dioxide Production in Soils. (84) No. 148. Some Chemical and Bacteriological effects of various kinds and amounts of lime on certain southern Iowa Soils. (85) No. 150. Length and Floor Construction of Dairy Stalls. *Iowa Bulletins*. (86) No. 266. The Management of Peat and Alkali Soils in Iowa. (87) No. 267. Creamery Organisation and Construction. (88) No. 268. Cropping Systems in Iowa Past and Present. (89) No. 269. Field Experiments with Fertilisers on Some Iowa Soils. (90) No. 270. The Livestock System in Iowa County. (91) No. 271. Relative Efficiency of Calves, Yearlings, and Two year old Steers for the Producer. (92) No. 271 (abridged) Shall I feed Calves, Yearlings or Two-year-olds? (93) No. 272. Influence of Animal's age upon the quality and Palatability of Beef. (94) No. 273. Soft ear Corn Silage for Swine. (95) No. 273 (abridged) Feeding Ensiled Versus Dried Soft ear corn to Swine. (96) No. 274. Harvesting Corn Stalks for Industrial Uses. (97) No. 275. The Population of Iowa—Its Composition and Changes. (98) No. 276. A Soil Management Program for Carrington Loam. (99) No. 277. Swine Performance Record—Litter Comparisons. (100) No. 278. Dried Buttermilk for growing and fattening Pigs. (101) No. 279. The Effect of Various Containers on the Growth of Vegetable Plants. (102) No. 280. A Soil Management Program for Grundy Silt Loam. (103) No. 281. Value of Family Living on Iowa Farms. (104) No. 282. Soybean and Alfalfa Hays for Wintering Pregnant Ewes. (105) No. 283. Retail Credit in Iowa Farmers' Elevators. (106) No. 284. The Trend of Corn Prices. (107) No. 285. Observations on the counting of Bacteria in Ice Cream by the Plate Method. (108) No. 286. The Pasturization efficiencies Secured with Milk from Individual Farms. (109) No. 287. The Effect of processing, Handling and of Testing Procedures on the Fat content of Ice Cream. *Ithaca bulletins*. (110) No. 526. Potato Storage on 259 Farms in New York. (111) No. 527. Supply Side of the New York Milk Market. (112) No. 528.

Fermentation and Crystalization of Honey. (113) No. 531. Relative Effectiveness of Limestone Particles of Different Sizes. (114) No. 424. *Texas bulletins*. Grain Sorghum-Date of Planting and Spacing Experiments. (115) No. 426. Determination of Soil Moisture by the Method of Multiple Electrodes. *Ohio bulletins*. (116) No. 456. The Cost of Developing an Apple Orchard. (117) No. 459. Taxation as Related to the Property and Income of Ohio Farmers. (118) No. 460. Ohio Agricultural Statistics for 1929. (119) No. 462. Rate of Planting Potatoes with Some Reference to Sprouting Habit and Size of Plants. (111 A) No. 463. Molasses in Ration for Fattening Calves. (120) No. 471. Lodging in Oats and Wheat. (121) No. 475. Manual of Ohio Weeds. (122) No. 477. Studies on the Nutritive Value of Milk. 1. The Deficiencies of an Exclusive Milk Diet and How to Overcome them. (123) No. 479. Nitrate Fertilization and keeping Quality of Apple Fruits. (124) No. 483. Factors Affecting Fruit Setting I. Stayman Winesap. (125) No. 491. The Combined Harvester-Thresher in Ohio. *Nebraska Research's Bulletins*. (126) No. 46. Economic Aspects of Contagious Abortion in a Dairy Herd. (127) No. 47. The Symptoms of Spindle Tuber and Unmottled Curly Dwarf of the Potato. (128) No. 48. A Study of Kerosine Cook Stoves. (129) No. 49. The Incidence of Avian Tuberculosis in Mammals other than Swine. (130) No. 50. Food Habits of the Ring-necked Pheasant in Central Nebraska. (131) No. 51. Breeding Winter Wheat for Resistance to Stinking Smut. (132) No. 52. Relative Susceptibility of Alfalfas to Wilt and Cold. (133) No. 53. Infection Experiments with Spindle Tuber and unmottled curly dwarf of Potato. (134) No. 54. The Vitamin A Content of the Milk of Holstein, Ayrshire, Jersey and Guernsey Cows. (135) No. 55. Utilization of Proteins by the Growing Chick. (136) No. 56. A Study of Washing Machines. (137) No. 57. Effect of Maturity and the Ethylene Chlorhydrin Seed Treatment on the Dormancy of Triumph Potatoes. (138) No. 58. Studies of Rickets in Swine. (139) No. 59. Influence of Number of Daily Milkings on the Production of Dairy Cows. *Nebraska bulletins* (140) No. 238. The Routine and Seasonal Work of Nebraska Farm Women. (141) No. 39. (Use of Alfalfa Pasture for Fattening Cattle (142) No. 240. Alfalfa Wilt in Nebraska. (143) No. 241. Clover in the Subirrigated Meadows of the Sand Hills. (144) No. 242. Nebraska Tractor Tests. 1920-1929. (145) No. 243. Pork Production at North Platte Substation. (146) No. 244. Types of Farming in Nebraska. (147) No. 245. Water supply and Sewage Disposal Systems for Farm Homes. (148) No. 246. Testing Ice Cream for Butterfat. (149) No. 247. Cost of Clothing the Nebraska Farm Family. (150) No. 249. Mechanical Dairy Cooler on Nebraska Farms. (151) No. 250. Raising Early Lambs from Aged Western Ewes. (152) No. 251. Barley as Hog Feed. (153) Sex and Age as Factors in Cattle Feeding. (154) No. 253. Variety Tests of Oats, Barley and Spring Wheat. (155) No. 254. Rural Electric Service in Nebraska. (156) No. 255. Nebraska Tractor Tests. 1920-1930. (157) No. 256. Corn, Wheat and Rye for Fattening Lambs. (158) No. 257. Wheat for Fattening Lambs. (159) No. 258. Contribution of Nebraska Farm Women to Family Income through Poultry and Dairy Products. (160) No. 259. Alfalfa Molasses Meal for Fattening Lambs. (161) No. 260. Cause and Prevention of Mechanical Injuries to Potatoes. (162) No. 261. Wheat for Fattening Hogs. (163) No. 262. Length of Feeding Period and Plane of Nutrition as Factors in Lamb Feeding. (164) No. 263. Corn, Wheat and Rye for Fattening. Calves. (165) No. 264. Housing and House Operation Costs on Nebraska Farm. (166) No. 265. Nebraska Tractor Tests. 1920-1931. (167) No. 266. Cooling Milk on Nebraska Farms. *Kentucky Bulletins*. (168) No. 299. Hopkinsville Experiment Field. (169) No. 300. Social and Economic Effects of Land Speculation on Farm Families in Central Kentucky. (170) No. 301. Cost of Living and Population Trends in Laurel County, Kentucky. (171) No. 302. Quality as a Factor in the Price of Kentucky Lambs. (172) No. 303. Farm Tenancy in Central Kentucky. (173) No. 304. Effect of Vitamin D Supplements on laying Hens.

(174) No. 305. Farm Management and Incomes of Farm Families in Laurel County, Kentucky. (175) No. 306. Virus Diseases of Tobacco in Kentucky. (176) No. 307. Share Leasing Contracts. (177) No. 308. Potassium, Chlorine and Sulphate Content of Kentucky Tobacco as Related to Grade. (178) No. 309. Relation of Some Tobacco Viruses to Potato Degeneration. (179) No. 311. Agricultural Credit Situation in Kentucky. (180) No. 312. Budget Method of Improving Farm Organization & Management. (181) No. 313. Analyses of Commercial Fertilisers. (182) No. 314. Effect of Soil Reaction on the Growth of Tomatoes and Lettuce and on the Nitrogen, Phosphorus and Manganese Content of the Soil and Plant. (183) No. 315. Commercial Feeds in Kentucky in 1930. (184) No. 316. Standard of Living of Farm Families in Grayson, County, Kentucky. (185) No. 317. Farm Organization and Management in Grayson, County. (186) No. 318. Adaptability of Red Clovers from Different Regions to Kentucky. (187) No. 319. Organization and Management Problems of Co-operative marketing Associations in Kentucky. (188) No. 320. Studies on *Shigella Equirulis*. (189) No. 321. Effect of H-ion Concentration on the Growth of Strawberries in Sand and in Soil. (190) No. 322. Report on Soil Experiment Fields. (191) No. 323. Some Factors affecting the Price of White Burley Tobacco. (192) The Potato in Alaska. (193) Wisconsin Studies on Aster Diseases and their Control. *Alabama Polytechnic Inst. Bulletins*. (194) No. 231. Steer Feeding Experiments in the Black Belt of Alabama. (195) No. 232. Experiments with Legumes in Alabama. (196) No. 233. Oats with Vetch or Austrian Peas as Grazing crops for fattening Hogs. (197) No. 234. Grading up Hogs by the use of Purebred Hogs. (198) No. 235. Relation of Quality of Cotton to Prices Paid to Farmers in Alabama. *Columbia Bulletins*. (199) No. 296. Columbia Oats, A new Variety for Missouri. (200) No. 297. Influence of Yield on costs and Income in Agricultural Production. (201) No. 299. Cotton Production in Missouri. (202) No. 301. Spraying Investigations. (203) No. 302. Factors affecting Sweet Potato in Missouri. (204) No. 303. Silo Filling Methods and Costs. (205) No. 304. Electric Hotbeds. (206) No. 305. Bee-keeping in Missouri. (207) No. 306. Inspection and Analysis of Commercial Fertilisers Spring 1931. *Illinois Bulletins*. (208) No. 371 An Investigation of the Quality of Illinois Grown Wheat. (209) No. 352 Living Expenditures of a Selected Group of Illinois Farm and Smalltown Families. (210) No. 373 Harvesting of Corn Crop in Illinois. (211) No. 374 Management Factors that Influence Farm Profits in Southwest Illinois. (212) No. 375 Food Requirements of Pregnancy in Swine. *Florida Bulletins*. (213) No. 212 Diseases of Sweet Potatoes in Florida. (214) No. 213 Potash in Relation to Cotton Wilt. (215) No. 214 Cotton Diseases in Florida. (216) No. 221 The Tung—Oil Tree. (217) No. 225. Diseases of Watermelons in Florida. (218) No. 226 Development of Strains of Cigar—wrapper Tobacco Resistant to Blackshank. (219) No. 227 Citrus Propagation. (220) No. 228 Native and Exotic Palms of Florida. (221) No. 229 Diseases of Citrus in Florida. (222) No. 230. Spraying and Dusting Cucumbers for Control of Downy Mildew from 1925 to 1930. (223) No. 231. I. Salt Sick: Its Cause and Prevention. II. Mineral Supplements for Cattle. (224) No. 232. Florida Truck and Garden Insects. (225) No. 233 Determination of Winter Survival of the cotton Boll Weevil by Field Counts. (226) No. 234. The two spotted Mite. (227) No. 235. Crimp—A Nematode Disease of Strawberry. (228) No. 236. Swine Productions in Florida. (229) No. 237. General Properties of Some Tropical and Subtropical Fruits of Florida. (230) No. 238. Florida Truck Crop Competition. (231) No. 239 Heat Treatment for Controlling the Insect Pests of Stored Corn. (232) No. 240. Hibernation of the Cotton Boll Weevil under Controlled Temperature and Humidity. (233) No. 242. Bottom Rot and Related Diseases of Cabbage Caused by *Corticium Vagum* B & K. (234) No. 241. Methods for Making Counts of Boll Weevil Infestation.

D. Pamphlets, Circulars, etc.

(235) The Deccan Grasshopper Pest. (*Mod. Agri. Dep. Leaflet 39*) (236) The Manuring of Coconut Palms. (*Imp. Chem. Ind. Pub.*) (237) Soil Drifting and its Control. (*Univ. Alberta. Cir. 13.*) (238) Control Soil Erosion by Crops, Terraces and Dams. (*Wisconsin Cir. 249.*) *Nebraska Circulars* (238) Seed Corn Treatments at the North Platte Substation. (240) No. 39 Swine Sanitation. (241) No. 40 A Manual for Hog Raisers. (242) No. 41 Selection and Management of Kerosine Cook stoves. (243) No. 42 The Use of a small Electric Motor in Silo filling. (244) No. 43 The University Fruit Farm. *Iowa Circulars* (245) No. 121 Pork Products in Foreign Trade. (246) No. 122 Swine Publications and Associations. (247) No. 123 Weeds in the Vicinity of Elevators. (248) No. 126 Manufacture of Cottage Cheese in Iowa Creameries and Milk Plants. (249) No. 127 Prevention of Wind and Fire Losses to Farm Buildings. (250) No. 129 Feeding Hens for Egg Production. (251) No. 130 Feeding and Management of Horses. (252) No. 131 Varieties of Tree Fruits for Iowa Planting. (253) No. 132 Strawberries for Ice Cream Manufacture (254) No. 133 A Survey of Iowa's Poultry Industry (252) No. 134 Asparagus Insects in Iowa. (256) Kudzu—A Forage Crop for the Southeast. *U. S. A. Leaflet 91.* (257) The Write—Pine Weevil. *U. S. A. Leaflet 91 Cir. 221.* (258) The Glendale Gooseberry. *U. S. A. Leaflet 91. Cir. 223.* (259) Notices of Judgment under the Food and Drugs Act. 18551—18650. *U. S. A. Leaflet 91. Pub.* (260) Notices of Judgment under the Food and Drugs Act. 18651—18700. *U. S. A. Leaflet 91. pub. Alabama Circulars.* (261) No. 54 Johnson Grass Hay Versus Timothy Hay As a Feed for Horses and Mules. (262) No. 57 Kudzu in Alabama. (263) No. 58 Experiments with Hay Crops in Alabama. (264) No. 59 The Trench Silo. (265) No. 60 Small Grain Crops in Alabama. *Florida Press Bulletins.* (266) No. 435 Powdery Mildew of Crape Myrtle. (267) No. 436 Orange Rust of Blackberries. (268) No. 437 Brown Patch of Lawns and Golf Greens and Its Control. (269) No. 438 Pear Blight and Its Control. (270) No. 439 Fig Rust and its Control. (271) No. 440 Formaldehyde Seed Treatment for Loose and Covered Smuts of Oats. (272) No. 441 Insect Pests of Cotton. (273) Laying Hens Do Not Need Charcoal. *Mississippi Press Cir. No. 425.* (274) Threshing by Portable Power Threshers. *Agri. Supp. No 47 to Cyprus Gazette No. 2218 dated 27—5—1932.*

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